

<211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 4666  
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 ggagaacgtg ttctttgga agctgtgagg gcaacgcaga agcgtggcc cagagcgatt 180  
 tgcgtatat atacaggaga ccacgaagtg aacaaaactg ccatgctgga gagagtccag 240  
 aatcggttca acattcaact tcatgccccg acagtgggtg tactatacct tactaccgt 300  
 aaatatgttg tcagcagcat gtatccttac atgactctgc tgggtcagtc tttgggatcc 360  
 ctggttgctg cctatgatgc attcaatctt ctggttccag acgtgttcgt cgataccatg 420  
 ggctatgctt tcacactggc cttctgcaag atgcttttcc cgtccgtccc aacagggtgct 480  
 tatgtgcact atcctacgat atccaacggac atgctccagt ctttagatga caccaccgc 540  
 gttgaaggaa nttaacgctg tgcngaaag ggactgaaag gacagatcaa gcgaaagtac 600  
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 actncttctt gac 673

<210> 4667  
 <211> 700  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4667  
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 gatcattggt ccggttatgg tcaccgaggc cctgaaacca tacggagctg accgcatgaa 180  
 gctgctcttt gtcttcaaca ttgatggaac tcacattgcc gaggccctca aggactactac 240  
 cgctgaaacc accctcttcc tgatcgcttt caagactgac tctaccgcaa agactactac 300  
 catcgcaat aaccctaaga agaggttcct cgagactgcc aaggatgaat ttgatatcgc 360  
 caagcacttg gttgatctga acaccaacga ggctacgctc accacgttgg gtcttgacca 420  
 gaccaatata ttccgtttta attcttgtgt ggatggtctc ttctgctctt ggagtgttat 480  
 cgtgattatt cgtcgccctc ttcatccgtt ccaatgaact accgccaat gatgtgttgg 540  
 tgcccatcc gattgacaaa gtactttcgt gaaagctccc tatggactaa aacttctccg 600  
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<210> 4668  
 <211> 693  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4668  
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 gtgcacctgt ggaaacatgg atcttccgtg catgtctcat tcagggtatc cagtccgcct 180  
 atgttattgc tctctggtac tggggttcaa ccctgtcaca ggacaaaagt gagtgtctct 240  
 tgactcctac aaacaatatc tccaattctt ggaagattag tgccatctgt taccaccattg 300  
 ccgcggccct tttcgggaatt ggtttgctct tgacattcgg cctgcccac tattaccgtc 360  
 aaacccctgg caaggctcgt tccttctaca aatccgtgtt ccgtcgtgta atcgtcctct 420  
 ggaactttgt cgcggtcatc cttcagaact tttttctcag cgcgccctac ggccgcaact 480  
 ggcagttcct ctggacatcc caccacgcac atcactggca aatcgcatcc cttgggggtgt 540  
 ttctacgggt tcgaaggggc cggtttctaa ttcaggccag gtgcttatta aaaaaaacag 600  
 atggttcttc ccgggggtccc ctggtacctg tgcactccac ctgcgtcaca tgatgggggtg 660  
 aggtgatcac acacatgaca accattattg ccc 693

<210> 4669  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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 gtataagctc aatcacacta tgatccgggt caaggacccg aagaagtccc tggaattcta 180  
 caagttcctc ggacttactc agattcaaca actcgatttc cccgaaaaca agttttcgct 240  
 ctacttcctc gcatacaacg gccccaagtc cctgcagggt gaccgtcact ggacggaccg 300  
 caacgctggt ctggagctca cccacaacta tggcacagaa aatgacccca actacagcgt 360  
 agccaacggc aacacgggaac ctcacggggg ctttggtcat attgccattt ctggtgacaa 420  
 cattgaatcg gcctgcaaga gaattgaaga tgctggctat cttttccaga agaagctcac 480  
 tgatggacgt atgaagcaca ttgctttcgc caaggatcct gatggatact ggggtgagct 540  
 tattcgtcgt cataacgagg atgtggtacg acgacagata ccggcaatta ccgactcaac 600  
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<210> 4670  
 <211> 697  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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 ggggtctcagt acacacatct gatcacccgt cgctccgtg agctcaatgt ctactcggag 180  
 atgcttcctt gcacccagaa actggccgat ctcaagttca agcccgtgg tggtatctta 240  
 tccggaggac cctactcggg gtacgaggag ggtgctcctc acgtcgaccc tgctactttt 300  
 gacctaaagc tgctatcct cggtatctgc tacggcttgc aagagattgc ttaccgctg 360  
 gacagcacca atgtcattgc tggcacgtcg agggagtacg ggcttgcgca gctcaaggcc 420  
 aagaaggctc gcggccacgt cgaccacctc tttgatggac tggaaagacga attcaacgct 480  
 ttgatgtccc acggtgacaa gcttgggcaa gcctcccga ggtttcacac gattgcacta 540  
 ctcccactca aagacgtgt attgccacga gacaggccat tatgggctcc actgcacccg 600  
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<210> 4671  
 <211> 734  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

<400> 4671



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tgggaccgtg	acggtgatgg	gatgattttc	ccatgggaca	cctatatagg	atttcgtgaa	180
ctgggcttca	atatacctct	ttcattcctg	gccgtgttga	tcatacaata	taacttttcg	240
tacccgactc	gactggcata	tagctggctc	ccagatccgt	ggtttcgagt	ttatgtacgg	300
agcgtacaca	aggctaagca	cggctcggac	agtggtaact	atgaccctga	aggccgattc	360
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<210> 4672

<211> 738

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4672

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ttttgagaca	tgcgccgtgt	caccccaaac	ctcattacaa	ccccacttt	cacaaaacta	180
gttgtggttc	tcacagccca	gttccgcggc	catcgacccc	tcttttaata	tcccgttcaa	240
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ttgtccgccc	ccagaattac	ctcaactcgt	cgccgagcaa	catgttccca	ttgccgccaa	360
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<210> 4673

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 4673

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caccgggccc	tgtgtgacaa	actgccaaat	tgcacgtcc	ggcaccgtgt	gtcgtgagag	180
tactggaact	tgcgacattc	aggaaacgtg	caccggaaac	tccagcgctt	gtcctaccga	240
ccgatacgca	ccagacggac	aaacatgcgg	caactcatcc	ggcttatttt	gcgccagcgg	300
acaatgcacg	aaccgagata	tgcaatgtca	acaactcctg	aacacaaata	gcacgggtgt	360
gtcctcctgc	aataatgatt	cttgaccct	cagttgctca	gttgactggg	atggatctgg	420
ggtttgtatg	ggcatgaacc	ggcaggtgca	agatgggtact	ccctgttctg	acggcctctg	480
tcgcggtggg	agatgtcggt	ctgagagtga	gaataacggc	tcatgggtgg	accgtcatcg	540
ctcgctgata	attggactgt	ctgatggaat	ncgtggagcc	ttggctcctg	cgggtactttt	600

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646

<210> 4674  
<211> 919  
<212> DNA  
<213> *Aspergillus oryzae*

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cgttgttcga cctcgtcccc ctacactcac ctcgattcct tccctactca atgtgttcca 240  
agaggaatgg gacgcccttg ccctggagac atacacactg cgacagacat tggcacaaac 300  
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gtctaccggc tcagtgaagg ttttcgagaa cggaatgaa gttgctgact tcagctctca 840  
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<211> 707  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 4675  
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cagcaccaaa tccgtgggtc actgggttca gatcatccga cataagaact ttcaattcta 240  
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atagcatggc ttgtgattcg ggcacaagat atataccggc gcatacccgga atggagggtg 660  
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<210> 4676  
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<212> DNA  
<213> *Aspergillus oryzae*

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ttgaaccagc aggtatacga gtactttatg gttttttcga aacagctgag agtcgcggtg 540  
tcaaggtgat cagagacggt ttgactcgaa cgaagccgtg ttttgatggg gagacgagta 600

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<210> 4677  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

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 attagccctg gtgcagctcg cctccggcgc ggacaaagcc gttaatttgg cccacgctcg 180  
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 aaaccagttg acaattgttg atcttcccga ctatgggaaa gatcggttg ccatttgcta 600  
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<210> 4678  
 <211> 690  
 <212> DNA  
 <213> *Aspergillus oryzae*

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 agaggacgga taccatagct ggcggaggca tggggaatgt atcgatgtac aagtccagga 600  
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<210> 4679  
 <211> 387  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4679  
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 gagtacgagg tctacgatgt tttcaacctt cagtgcccca agagctgccc caacgttccc 300  
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<210> 4680  
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 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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actactatgt ttccgtttct actcccagag agaacctgaa gattcgtttg ttcattggact      180
acgatatgct tggtcccccg aactttgcgt accaggttta caacgccacc aattcggtaa      240
acccggtcgg atccgaggag ttgcgtgacc tgcagtgcga tttctataat gaccacgacc      300
tcaattacac ctatatcccg ttcgatgggc gcagtgacta tgacgctttc atccgtcacg      360
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gtggccacct atgccagaac ccgttgaaagg aattgctaag cggacgaaga gttccattac      600
tggtcttgcc tccgggaaat aactaggacc gtgggcccga gcgtcggact ttaatgctaa      660
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agagaaaaaa aact                                     734
  
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<210> 4681  
 <211> 855  
 <212> DNA  
 <213> *Aspergillus oryzae*

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gttcggcctc caacgtccct accgaggacc ccaagaagaa ggctcagtcg attctcgatg      180
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acgctgtcaa gtcgcgtatg gacaacgtcc aggagcttgc tgggtgttgt gaggtcacca      480
agcagctctt cgctgtttcc aaggaaaacc cccagcttga ggctcaggcc tatgagctcg      540
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aaggtcaggt taagcagcgc cagcagcgtg agcttgccga atctgtcatc ggcaagatcc      660
agaaggagct tgagaacccc aaggctctcc agcagatcct ccagcagagc gttgctgatg      720
ttgagcgcac catgtcctcc tccaaggctc agtaaatgga cgttgcatga atagcctcgc      780
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<210> 4682  
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 <212> DNA  
 <213> *Aspergillus oryzae*

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catggctgca cgtgaagcca ttcacaaagc tgctcgttag ggtaaaaatg cctccagtgg      180
aaacgatatg gcttggttga atcagcccat ccctaactct tgtattgcac ctggaatgga      240
gcgcgatgtg gaggtgaaat ttgacaagga acaccactt ggatcaaaaag tgactgtcaa      300
gatggttggc ccgcaggatg gatcttcttc gcttgccttg tgccgcggct tcgcggagaa      360
gattctcaag aaggacgctg aatgcaaact tgcaccttgc tctttcaatg gtgttcatca      420
  
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gccctcgctt gagaagacat tttccagaga agacgtttat atcttttcct acttctttga 480
ccgcactaag cccctgggca tgcctgactc tttcactctg gaggagtgtc accagctcac 540
attcaccgtc tgtgccggcg aatcgatcat gaagaatttt ctaaggcatg ggagaagcca 600
tgcccgaaact actcgaccgt cctgaatggt ggcttggtatt tgaacttcat gcttgactg 660
ctgcaactctg gg 672
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<210> 4683
<211> 305
<212> DNA
<213> Aspergillus oryzae
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cttcaccaac gtctacatta agaacattga ccaggatgtc accgaggagg agttccgtga 180
gctcttcgaa aaattcgggt agatcacctc cgccaccctc agccgtgacc aggagggcaa 240
gagccgtggt ttcgggttcg tcaacttctc taccacagag agcgcgaggg cgcgcgttga 300
cgaga 305
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```
<210> 4684
<211> 799
<212> DNA
<213> Aspergillus oryzae
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tatcccgac tattgactca gaaactggta tcttgccgac agagcgtctt attacatgtg 180
atcaatccgt gccgcaatgg gttctttctc ttttcggagg aagcgtctacc tcgcatgttt 240
acgaggtctc ctacgttgac ccaaaatcga agaaagttac aatgtgctcg accaacctca 300
catggtccaa tgttttgaat gtccaagaga ctgtcaccta tcaaccatcc tcagcgaagc 360
cggcttgtag cacgaatttc aaccaggaag ccaagatcac tgcctctctg ggcgggtggc 420
aaaagatcaa gaacaaggta gaagaggcaa gtgtggagag attcaatcaa aacgctaaaa 480
ggggtcgaga aagggtttgag gccgtgcttg agatgaatcg acgggtattc ggtgaacaac 540
gcgagcgtga gaacgataga cttcagtcac gacttgtaga atgttctata tccgtgccag 600
aattgaattc aacaccataa aaatcggggc tttgcatata acggcgggcag gtctgggtgt 660
tttccaacgc aggggtgcaa tttgcgggtc taaacggggt ctgtgcaaaa ggggtctctc 720
ttttttctct gtggggagca agacctgact ttgttcaaaa cctatcaaaa gtgtgactaa 780
cgacgaatga ccgggtggg 799
```

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<210> 4685
<211> 671
<212> DNA
<213> Aspergillus oryzae
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```
<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G
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ccatcaccac cgtgtttctac aataacatgc tgacggccca ccccgagttg aacgccgtct 180
tcaacaacgc caacaagggtg aacggccatc agccccgcgc cctggccggt gccctctttg 240
cctatgcctc gcatacgat gacctgggag ctcttgggcc cgctgtcgag ttaatctgca 300
acaagcacgc gtcgctgtat atccaaccg agcaatacca gatcgtgggc aagtttctgt 360
tgagggccat gggcgagggtc ctccgtgatg cgctgacccc cgagatcctg gacgctggg 420
ccaccgcata ctggcagctt gccgacctca tgatcggtcg tgaggccgaa ctgtacaaac 480
aggccgacgg atggacggac ttccgccact ttcgtgtcgc caagaaaggc cctgagtcct 540
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ccgagatcac	cttgggtctac	ctcaagcccg	tgatggccaa	ccccttncca	aagttccgcc	600
cccgccagta	tatctccgtg	cagggtttcg	tggaactcgt	caattccccc	aatgtcggca	660
atacttcttg	g					671

<210> 4686  
 <211> 740  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 4686						
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ccttcgcatt	gtcatggcct	gtgatgagc	tggtccaacc	tacaaggaga	ctctcaagcc	180
agcccttgag	aagaaccctc	tggtcgagtc	cgtcgatgat	gttggtgtca	actcgacctc	240
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gggtcccggt	atccgtgccg	tactgcccc	cgactccttc	tccgtcgagc	gtgctatcct	420
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gaagcttgcc	aacgagtggt	ttacctaccg	cttcgacccc	aagagcgcat	ctgccgccaa	540
ggtccaggtc	atctccgact	acgaggccga	attcgccaag	gtcagtaga	tcctctaata	600
tcggtgcttt	aaaccatgcy	cgagcgaacg	gacgcctgt	ctacgatgcc	atcttaacga	660
cggcgctcat	ggcgcatcct	tagatcatcg	accacttctc	ccttacgccg	nngtctcata	720
cctcttncca	gcgactggac					740

<210> 4687  
 <211> 659  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4687						
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taagaaccgc	gatgaggtgt	gcgtttctcc	acagaccatg	ggcgatgtgt	acgagtcgaa	180
ggtgaagatg	ttctttgctg	agcaccttca	cgaggatgag	gaaatccggt	acatccgcga	240
tggtgagggt	tacttcgatg	tgcgcggtca	ggatgatgaa	tggttcgcta	tccaactcag	300
caaggacgac	ctaactcatg	ttcctgcggg	tatctaccac	cgattcacia	ccgacgagaa	360
gaactatggt	aaggetatgc	gccttttcca	ggaagaacct	aagtggacgc	ctctgaaccg	420
tagcgaagat	gtcgattcca	accctcaccg	gaagacatat	cttggaactc	tcagcacaag	480
tgctgaggct	gcaaagtaaa	cggttggtct	ggttagacca	ctggccaaaag	tatggatatt	540
gggaaggctc	gatatgttcc	atgatctacc	tcatttcaag	gtgattgcca	tcgctacatt	600
tgatgactga	aggggtatat	ttcaaagcct	tgagattcat	gatgaaccaa	aaaaaatat	659

<210> 4688  
 <211> 627  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(627)  
 <223> n = A,T,C or G

<400> 4688						
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ctgatgttcc	accgtcaaag	gtggctgaca	tcacggccac	actgcttgag	atgggtgccg	180
acgaagtgtc	agtagctgac	accacgggta	tgggaacagc	cccacgtacg	atggagctcc	240
tacaagcgct	caaagcggca	ggaatcgcg	acaacgacct	cgctctgcat	ttccatgata	300
catatggaca	ggccctgggt	aataccgtcg	tgggactgga	gcatgggtatt	cggatttttcg	360
acagtagtgt	gggcagactc	ggtggctgcc	cctactccaa	gggcgccact	ggcaatatct	420
cgacagaaga	cctggtccac	acgctccata	gccttggnat	gcacacggga	atcaatcttg	480
aggagatggc	taagatccgc	ggttggatca	ccggcgaaat	ggatcgggtc	aacgaaagta	540
gagccgggaa	agccaacctt	gcaaggattc	aagaatgaag	aacggtaatc	cgcagaaagg	600
acccgaaaat	cctcatccac	taaacaa				627

<210> 4689

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 4689

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gtaggcgcg	acaaggctcg	caaggctcgc	acttccacca	ccttccaccg	ccccaagacc	180
cttgagctct	ccgggtcgcc	caagtacccc	cgcaagtcga	ttcctcatgc	tcctcgtctc	240
gattctcaca	aggtcattct	ttacccccctc	aacaccgaga	gtgcatgaa	gaagattgag	300
gagaacaaca	ctctgggtttt	cattgtggat	gtgaaggcga	acaagcgcca	gatcaaactg	360
gctcttaaga	agcttttacga	tgtcgacact	gttaagggtca	atactcttgt	caggccccgat	420
ggatccaaga	aagcctttgc	tcggctaacc	cctgatgtgg	atgctctgga	cattgcccgt	480
accaagcttg	ccattgtcta	gatgaatcaa	tttttatgg	gtctggtgaa	cttgttttgt	540
ttaaaccggg	agcttataag	tcctgggtcat	acagttagct	accctgtctg	caacgacggc	600
tgaatgatcg	ttataaaaagg	tgtcatttca	atgcataatc	tgaaccact	tgggtagtgc	660
tgtaggaaa						669

<210> 4690

<211> 553

<212> DNA

<213> *Aspergillus oryzae*

<400> 4690

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accgtctcct	tccaatcctt	tactgaccag	aagccgggaa	cctccggtct	tcgtaagaag	180
gtcaagggtct	tccagcagcc	caactactcc	gaatccttta	tcaccagcat	cctcctctcc	240
atccctgaag	gtgccaaagg	cgcttctctc	gtcattgggtg	gcgacggccg	ttactataac	300
cctgaggcca	tccagaagat	cgctaagatc	agtgcgcgtt	atggcgtaaa	gaagctcctt	360
gtcggccaga	acggcatctt	gagcaccccc	gctgccagta	atcttatccg	tgtacggaag	420
gccaccggtg	gcattctggt	gactgccagc	cacaaccccc	gtgggtccaa	tgccgacttt	480
ggtatcaagt	acaacctgtc	caacggtgcc	cccgcctccg	agacagtcac	caacaagatc	540
tacgaaactt	cca					553

<210> 4691

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 4691

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atcttccctg	cttgactcca	ccactttcta	ccgattttcta	gtcccagagcg	tcgaggagca	180
tacagacttg	gatagtggac	aactatctgt	aataatacat	tttaagaatt	gggaccggag	240
gaaagccaca	taataataacc	cctaaaaccg	cttatcaaga	tgtgggtcatg	gtttggcggc	300
tcggcagccc	agaagcggaa	ggatgcgcct	aaggatgcga	tcctcaagct	gcgggagcag	360
cttgatatgc	tgcagaagcg	cgagaagcac	ctggagaatc	tgatggagga	gcaggatgcc	420
gtggcgagga	agaacgtgac	gacgaataag	aatgcggcca	agtctgcctt	gcgacgtaag	480





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gggtgctgag cctacgatca aattcatcta caaagggttg cgccagcatg ggacagaaac 120
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agtatgcata tcaagatggt cctcttttca caggactcaa tgtagtatc gaaagcggac 240
agttcggttg ctttggttga ccttctggtt gcggaaagac aactgtgata tctctcttag 300
aacggttcta tgaccctttc caaggcacga tatccctgaa tggccaagat atccgttcct 360
tggaataatc gtcttatcgc agagcgctgt ctttagtggt tcaagaacca agactctttg 420
agggacaatc tcatgagaat atcactcttg gactggataa atctgacttg actgagaatg 480
agataatata agctttgcaa agacgctgag atacatgact ttattacgtc ggttgccaga 540
gggctattgc aacgagccgg gtattatagc acagacagat ctcaatggac gccaaaagca 600
ccgggtattg attgagcgtg cactgggtacg aaagc 635

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<210> 4695

<211> 574

<212> DNA

<213> *Aspergillus oryzae*

<400> 4695

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tctccaagat gacgtcgctt cttgttctgg tcattggtga cctctttatc cctgatagag 180
ctccgatctt tccagctaag tttcggaaac tcttaacgcc aaacaagatc ggccagatcc 240
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tggtgacca cggaaagcct cgtattggtc ttacacatgg ccacaccatc atcccgcgg 420
gtgacgccga agccctgctt attgccgcac gccagatgga tgtagatata ctactatggg 480
gtggtgcgca ccgcttcgat gcctttgaga tggagggaag attcctttatc acccccggaa 540
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<210> 4696

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 4696

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taccagatc caaggtagac ggtcgggtga ttgctatcaa agataacata tgcacgcgcg 180
acctgccgac aacatgcgct tccggaaccc tcgagaagtt cgtaagcccg tttactcca 240
ccgtcggtgg gcaattacaa gatgcaggcg ctgtagttgc cggaaagaca aatcttgatg 300
aatttggcat gggttctcat tcagtatatt cgcgatttgg accggtgagg agtttttggc 360
agggtcgcga tgccgaaccc ctgtcagccg gtggcagttc gggaggaggat gcagttgcag 420
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cggctgcata cactgggaca gttggtttca aaccctctta tggattgatc tcgcggtggg 540
gtgtagtcgc atatgccaac tcaactggaca cggttgggat cttaggaggaga agcacagcca 600
gcgttcgcga tgtcttcaat gttgtgaacc agcacgatcc acgcgatcct actaatctct 660
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<210> 4697

<211> 1682

<212> DNA

<213> *Aspergillus oryzae*

<400> 4697

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ccgcttctct ttggttgaag ctctatcttt cttccactcg tttattttatc tttggatccc 120

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acccctcttt caactctttg cgacttttgc ctactgttat ctggttaagg ctaaatatcg 180
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aatacgtctt tcccgccctg gccgcggctc aggcggtctt tgctgctagt gataagtgcg 300
gctcgggtga caccatcaag atcgagaacc agagcgatgc cgacggctac tccagctgca 360
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gagttaagca gatctccggt ggactgagct gcgatgggtg ttccaacatg accggcctct 480
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ctaccctcag cttcgccgcg ctcaccaagg ttggttctat cgaatttact gctctgcctc 600
agctccagag cctggatttc accaagggtg ttacggaagc tggtagtggt gtcattacca 660
acactggttt gagcagcctc aacggtatct ctcttgagac cgtgggtggc ttcgatatta 720
ccgagaacac caacttgaag accgtcaacg tcaacaacct gaagaacgct actgccctca 780
tcaactttgc cggtaacatg gacggctctg agatcgaatt cccaacctt ggcacaggtc 840
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gt

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<210> 4698  
 <211> 701  
 <212> DNA  
 <213> *Aspergillus oryzae*

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ttcccagacg ggcgtctgcc actccgtaca gacggttcta tgtctccgaa accaaggctg 180
gaaatgctca ggttttcggt gataccgcta ttaagcagga gcagaaggaa ttcataagc 240
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cgatgagccc gtctgcgggc atcctcaagc aggccactgt catggaccaa ggaacgcgac 360
cgatctatct cgatatgcag gccacaaccc caacggaccc ccgtgttcta gacgcaatgc 420
tccccttctt gaccggaatt tacggcaacc ctactcgag aacctatgca tacggttggg 480
agtcagaaaa ggcagtcgag caatcccag agcacatcgc caagctgatc ggcgcggacc 540
cgaaagagat catcttcaat agcgggtgcta ctgagagtaa caacatgagc attaagggtg 600
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<210> 4699  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

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tccggggccgc	tattccggcg	catatagagc	atactgtgga	gtcttttcgat	tccatagaac	180
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gggaggcatc	tcaaagaaaa	atattcaggg	tgaaaaagag	gacgtgaatg	acctcttagt	300
tccggggaggc	ttcctccgac	aggcttattc	ggggattttt	catatgttac	cgctaggatt	360
gcgagtgcaa	gacaagcttg	agcgctgat	agataagcac	atgcgctcag	ttggagcgtc	420
aaaagtttca	ctgtcgtcca	tatcttccca	agaactctgg	gagaggctcag	gacgcttang	480
agagggttca	gagggtttca	aatttcatga	cagaaaggaa	tctcgtttcc	ttcttgctcc	540
tactcatgag	gaggaaatca	ccactctagt	gggcagtctc	gccaatcgt	acagagatct	600
acctctacga	gtataccaaa	tctcaaggaa	ataccgtgat	gaaccaagac	caagacaagg	660
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<210> 4700

<211> 731

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(731)

<223> n = A,T,C or G

<400> 4700

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tcacgaccog	gccgttcggc	atcaggctgt	tgaaccctcc	caacacctcc	cggttcaatg	180
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acacgctgcc	ccccagaact	ggagccattg	ctatcaagaa	agggatgacc	gctctctacg	300
atacagagac	aggggaagcga	atcgcatgca	ccgtccttca	gctggaccga	gtggaagtca	360
tctcgcataa	gacacggcag	cagcatgggt	actttgctgt	ccaagttggg	tctggctgga	420
aacaccctaa	taatctcacc	aaatcactcc	tccgggcactt	ctctgttaac	ggtatctctc	480
cgaaacggca	catcttcgag	ttccgagtgc	gggacgaaaa	tggcctcctg	cccgttggtc	540
aggcaatcaa	tgcagactgg	ttccnagaag	gccaatatgt	cgatgctcga	tcaaacacaa	600
aaggaaaggg	atttgctggg	ggtatgaana	gacacggggt	tgggtggcan	ggaccgagcc	660
atggcgctcag	tttaacacat	cgctctcttg	ttctgcgggt	ccaatcaggg	tgtgggatca	720
gagtgatnct	g					731

<210> 4701

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4701

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tgctactatc	aggaaagtct	tgggagctgg	tctccggcgc	atcattgacg	ccgaaccgac	180
ggttactcgc	tacgatacga	ttgtcggaga	cgggtgactgt	ggtgttggtt	tgaaacgtgg	240
tgccgaggct	gttcttgcac	tccttgagga	caacttctca	agcctggatg	aagacgtggg	300
taaaaccgtc	aaccgcacgc	ttaccattgt	ggagaacacc	atggatggta	cttccgggtgc	360
catctacgcc	atcttcttga	acgcacttgt	gcacgggtctc	cgggagcaag	acaagggcaa	420
atcgactcct	gccacagctg	aagtctgggg	cgaggccttg	aaatactcgc	tccgagccct	480
cggaaaatac	acccccgccca	agcctgggtga	ccgtactatg	atcgatgctc	ttgttccctt	540
ctgtaccact	ctgcgcgaca	ctaaggatgt	ccatgctgct	gctaaggctg	ctcaagaggg	600
aactgaagcg	acgaagagca	tgaaggccag	cttgggacgg	tctgtctatg	tgggtgggtga	660
agacgagtgg	gtgggtaagg	gtcctgaccc	angtgcttac	ggactcagcg	aattctta	718

<210> 4702  
 <211> 1102  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4702  
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 tgcacttcga ccagcctggc cgcaagcacc gccgtcgtga ggcccgctct gcgaaggccg 180  
 ccgctgttgc ccctcgtccg gttgacaagc tgcgtcccgt tgtgcgttgc cctactgtca 240  
 agtacaaccg ccgtgtccgt gccggctcgt gattcactct cgctgagctg aaggaagccg 300  
 gaatcccaaa gaagctcgtc tctaccatcg gtatcgccgt tgaccaccgc cgtgtcaact 360  
 actccaagga gtcgctgggt gccaatgttg atcgtctcaa ggactacaag gcccgcttga 420  
 tcctcttccc ccgcaagagt ggtcagttca agaagcttga ctcttctgct gaagagggtca 480  
 gcgctgccaa ggctgccttc gccgctgagg gcaagactga gggttatgcc actcgcgcca 540  
 atgtaccctt tcccatcaag aacctcactg ctgaggaggc tgtcactgag atcaagcgtg 600  
 atgacctgcc caaggggtgag gaggctgcct accgccgttt gcgcgaggcc cgcagtgaag 660  
 cccgccacaa ggggtatccg gagaagcgtg ctaggggctaa ggccgaggag gagtccgccg 720  
 ccaagaaata aatgtgattc acagttaatg atgatcggtt ctattttcaa gtcggggatt 780  
 agtgtactgt ggcattggcg ggcgcccctt ttctcaattt acctttgtcc ttaaaaaagc 840  
 tccgaacctt ccgaaatgca aatgcccaaa ttttcacgtt tcaataaaga aaaaaagggt 900  
 ctactccgag ttatggatgt atggtatgaa gctgcgtctt ggtccgctcag tgcgtggctg 960  
 ctggggctcg atcaagccac atccttagcg attattcggt gcattacacc ggtctagtcg 1020  
 tgtggaggca gagagcacgc aaaatactat ggaagggtag cctgatgcag gccccgtaa 1080  
 gctaggtcaa tgacggagat ga 1102

<210> 4703  
 <211> 804  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

<400> 4703  
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 ctacggcaca gacacaactt tcttcgacaa atttagcttc ttcacaggca gtgatccaac 180  
 ccatggcttc gtcaaatatg ttgacagagg aacagctcag aacacaggcc taataaaagc 240  
 cgttggaaac atctacatgg gcgtagatta cacaaaacgt gctccaggcg gccgccaaag 300  
 cgtccgaatc agcagcaaca aagtctacaa tcacggtctt ttcactctag acctagccca 360  
 catgcccggc agtatctgcy gcgcctggcc agcactactg ctcttaggcc ctaactggcc 420  
 caataacggc gaaatagatg tcatagaagg cgtgaacgac caaactaaca accaggtagc 480  
 cctccacacc agcgacagct gcacaatcaa caattcaggc ttctcgngc tccttcttac 540  
 aagtaactgc tacgtcaatg ccncggcca agccaacaaa cgcagctgcn gnattaaaga 600  
 tnnactcgnc cagtctttac ggaatggntt caataagtgc cgcngcgggt tgtatgcaac 660  
 cgaatgactg ccgagctatc agngtttggg tttcccgctg tcgagtatcc ctggngtatc 720  
 agtagccgga acccgatccg gagtgttggg ggcaccgtca gnaagtttgc cgaacctgga 780  
 tattgatccg attttaaggc ctgg 804

<210> 4704  
 <211> 665  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4704  
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 gtgagcgaca acggggcctt taacagggga ctcgagcagg acgtcttctt caagactcaa 120

aatggcagtt	tatacaaagg	tgccgtgtgg	cctgggtgtga	ctgcttatcc	agattggttt	180
caccctgaca	ttcaagacta	ctggaactct	gaattcagta	ccttcttcaa	cgcgagagacc	240
gggtgcgaca	ttgacggcct	gtggatcgac	atgaacgagg	cctcgaattt	ctgtccagat	300
ccctgtactg	atccagaaag	atattcctcc	gagaacaatc	ttccacctgc	gccaccaccc	360
gtccggtcaa	gcagccctcg	tcccttgccct	ggctttcctg	ctgattttca	gccttcctct	420
gccagccgat	ctcagaagag	aatcgtcaag	gcaaaggctg	gacttgaggg	ccgcgatcta	480
ctcaatccac	cttacaagat	cgggaacgag	gccgggtccc	ttagcaacaa	gaccatcaac	540
actgttttcg	ttcacgcttg	agagggatat	gccgaatatg	atacgcaaaa	tttttatgga	600
acaatgatga	gctccagttc	tcgtgaagct	atgcagaatt	gtcggccctg	aagtgaggcc	660
ctctg						665

<210> 4705

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 4705

ggtttatctt	ggtccttact	tctcagcatt	ttctttacaa	tatggcgagc	caagctcctg	60
ctgacacccc	ggtcgcttct	gacgcggcgg	taactcagac	ccttcctgac	cgcaccaaaa	120
accccgctga	taaggatgct	cccaggggag	atgtctcgaa	gaatgccgca	aagaaggccg	180
cgaaggctgc	agagttcgcc	gctaagaagg	ctgagaaggc	cgccaacaag	gctgctggaa	240
agcaggagcc	caagaagccc	gctgctgcga	aggctcccaa	gaagaagatc	gatgggtgctg	300
ctctgattgg	tattgatgtc	tccaaggagg	aggatttccc	tggatggtag	cagcagggttc	360
ttacaaaggg	tgatatgtct	gactactatg	acgtttcggg	atgctttatt	ctcaagcccg	420
cttcgtactt	tatctgggaa	gagatccatg	actggttcaa	tgcgcgcatc	aagaagattg	480
gcgttaaaga	actgctcggt	ccctctgggt	gtctctgagg	atgttctgaa	cagggaaaag	540
gatcacattg	aaagctttgc	tgctgaagtt	gcttggggtga	ctcatgctgg	ctctagcccc	600
tcttgagaaa	aagatcgcta	ttcgttccac	atcggagacc	ggtatgtacc	cgtactactt	660
caaatggata	aaaaggcacc	gcgaa				685

<210> 4706

<211> 697

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(697)

<223> n = A,T,C or G

<400> 4706

gttattcaag	atagcttaca	ctttatttga	actttatacc	gttacgccat	ggatgtgtcc	60
aacaaccgtc	ttttccgggt	ctccaaaccg	gaatgggttaa	acaacaatag	cgtccgcaac	120
gcaggcgtct	acacatcggt	agcattgttc	tccctcggtt	ttttcttctt	agttgatgca	180
gctgcattct	ctcatagctc	acgaaatggg	tcaaagtgtc	atgtcaaatt	tgctgactgg	240
atccccggca	tttgctccgc	gctcggaatg	cttggttatca	actcgattga	gaagtcacgg	300
ctgcacgcag	atagctggag	ttacagtggg	agcgggtgtc	cgtggaaaagc	gcgggttcgta	360
cttttccttg	ggtttgccgt	cttggccggc	ggtttggcag	gcagtgtgac	ggtcatggtc	420
cttaaatacc	ttatcaaaca	ataccactg	caaacgctat	actttggaat	cgccaatgta	480
gttgcaaatg	gactcgctcat	gctgagcacg	attgttctct	ggatttcgca	gaacatagaa	540
gatgattaca	cctacaacct	cgcgttgtga	taactgatgg	agtanggtac	tcattttggg	600
aatatatcat	gattaactgg	ttctctgtct	ttccctaatt	gnntttttga	atggctggcg	660
taatcgcgat	tcatagccct	ctaagtctat	gtttgag			697

<210> 4707

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 4707  
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 aacctagagc gcgagcttgg ctcaatctgc cgtcataaag cagtccagta tgccgatgcg 120  
 ggagatgcag gccatccaga aacttacaat cccgttggtta caatggatga cctggaggag 180  
 atacttggtta tgaacgatt cgaggaagag atcactgaga agcatgggtcg tccgggagtt 240  
 gttaccggtc ttgtcgctta ctctactgga ggacagggca gcatcctgtt catcgaagtt 300  
 gcagatatgc caggaaatgg ccgcgtgcaa cttactggaa aactcgggtga cgtcttgaaa 360  
 gagagtgttg aggttgccct aacatgggtc aaagctcatt cttacgagct gggactgacc 420  
 ccgatctca gcgaagatat tatgaagagt cggagtttgc atgttcattg tccttctgga 480  
 gccattccca aggacggccc ctccgctgga cttgcgcata ctattggact gatctcacta 540  
 ttctcaaaca aggctgtacc ccccaagctt gcgatgactg gagaggatc tctccgtgga 600  
 agagtgatgc ctgttggtgg tatcaaggag aagctcattg gggcacntcg tgctgggtga 660  
 aagaccgttc tcttgc 676

<210> 4708  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4708  
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 ctttgccact ggtgctaata gcggaggttc cttcggtggc cgcggtggcc gcggaggtt 120  
 ccagcagcca atgggaccac cagcacaagt tctggagatg ggatctttta tgcattgttg 180  
 tgagggcgag atggtttgag aatcgatcaa cccgaagatt ccgtatttca atgctcctat 240  
 ctacctagag aacaaaactc ctatcgaaa agtcgacgag gttcttggcc ccatcaacca 300  
 ggtctacttc accatcaagc cccaggaagg aattgtcgca acttctttca agcctggtga 360  
 caaggtctac atcggtgggg ataagctcct gcctttggag aagttccttc ctaagcctaa 420  
 gccgccaccg ggtactgcta agcccaagag agccggaggc gctgccaggg gtggtgctcg 480  
 cggtggcaga ggaggccctc gtggtggagc aagaggtgga cgcggcggat ttggcgctcc 540  
 taaaggagga ggcggcttcc gtggtggagc tagaggaagc ggtggaggct tccgtggtgg 600  
 aagcgggtgct tctccagggg aggcggcaga ggaggacctc gtggagggtc cgacgttaga 660  
 cagtctc 667

<210> 4709  
 <211> 678  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4709  
 gtttttgttc tgcccacact ttctacttcc ctctcggggt ttgtctcacc gttgtgcgcc 60  
 tttgcgctcg tcatctgttc acttgtcata cataccctct gcttttgaac ttcctgtgga 120  
 agcatctccg tccgatcctt tgattctttg tactagtttt ttccagcgag agagatatag 180  
 aaaatgcctt cgatgtacac tctcttttct gctgcgcttt gcgctcttgc gaccttgca 240  
 aatgccgtca ccaccatcga agtgaagggtc aaggactttg tcaacagcaa gaccggtgat 300  
 cgtttccaga tcttggtgtg cgattaccaa cccggcggtt cttccggctt cacgaaggac 360  
 aaggaccctc ttagegacaa ggacgcagtc ttgctgtgat ccgctctcat gcagcgcttg 420  
 ggtgtgaaca ccatccgtgt ctacaacttg tcgcccagcc ttaaccatga cgactgtgct 480  
 tccatttttca acgctgcggg catctacatg atcctggatg tcaattcccc tctgtacggc 540  
 agctacattg accgtaccgc tcccaagagc agctacaacg ccgtctacta cgaacaggctc 600  
 ttcggtgtta tcaagcctt caagaactac ccgaacaccc tcgggttctt cggccgtaac 660  
 gaagtgatca acgagccg 678

<210> 4710  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

<400> 4710
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catgctcagc cgtaatatcc agcccacat gcacacgtac aagttgctca tcgacgcaca      180
cgctctctt gagcctgtgg atatgaaggc tgcggagaag gtactcgaaa ccatcaaagc      240
cgccggacag caaccagagg ccgtacacta tgcactcttc atccatgctc atggctgtgt      300
gatgcatgac atgaaagctg ctccaggacgt cttcaactcg gtcgtctcca acagcaaagt      360
gcgactccag ccatgcctgt accaggccct tctagaggcc atgggtggcca accaccaggt      420
cgcaaaact gaggacattg tgaaggatat ggtccagcgt agggctcgata tgactgccta      480
cattgccaac actcttattc aagggtgggc cactgagggc aacgtgagca aagccaaggc      540
catctatgat agcattgggtg tggacaagcg ggagcccagc acttatgagg ctatgaccgc      600
tgatttcctc atggcgaaac agcagagaaa cgctctcgc attgtgcaag agatgctgtc      660
tcgtggatac cccn                                     674

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<210> 4711
<211> 1038
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(1038)
<223> n = A,T,C or G

<400> 4711
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caccggtgtc agcggccagc agatgggtat gacctactct ccttacacca acgagggtgg      120
ctgccagtct aaggaccagg tcctcaagga tgttgccctg atcaagcaga agggcttcac      180
ccagctccgt gtctactcca ctgactgcaa cggctctcag tacattgggtg aggctgcccg      240
tgagaacggc ctcaagatga tcattgggtgt cttcatctcc agcaccggca tcagcgggtgc      300
ccaggagcag gtgaccgcca tctaagtgt ggccagtggt gatctgggta cctcgtcgt      360
cgttggtaac gaggccatcc agaacgggta caccgatgct tccagcctcg ctggcttcac      420
ctctcttgc aagtcctcct tccaggcttc cggctactcg ggccagggtca ccaccaccga      480
gcccataaac gtctggcagc agtctggcag cgctctgtgc ggtgccgttg acatcctcgg      540
tgtaaacctc cacccttctt tcaacgccga tgttaccctc gaccaggccg gtagcttcgt      600
ccgtgctcag atcaaggacc ttgaggcgtg ctgcaacaag gacgtgatca accttgagac      660
tggctggcct agcgccggta acgccaacgg caaggccgtc cccggtactg cccagcaggc      720
tgccgctatc aaggtctctg ttgaggaggt cggctctcag tccgtcttct tctcctactc      780
caacgacctc tggaggatgt ccggcgagtt tgacgtcgag cgctactggg gttgcattga      840
ccagttcaaa taaatgatct cccggatgtc aatagtttaag gatctttaag gcttgaggtt      900
ttttcgttct gcttgtctcg gaaataccga cagctnttat taactntttt tcttctccat      960
atactttgaa ttgagtagat ataaccttct tatttcatgt gtcgatctcc cggagcattc     1020
tgtnttcttg gtttggat                                     1038

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<210> 4712
<211> 670
<212> DNA
<213> Aspergillus oryzae

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<400> 4712
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gcgtatcgcc ggtctggagg tccagtctcc tgactcggtc cccattgagt cgttgattcc      120
taaggagctc gagtcggtag cctccactgc tgatggtagc aaggaattca tgaccgcgtt      180
gcccagagttt gatggtcaga tgtcggctat taaggaggct gctgagaagg aaggtaaggc      240

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tgtgcgctac	gttggcagcg	ttgatgttgg	taagaaggag	gtccgtgtcg	gtctgcaata	300
cttcgataag	gatagtctcca	ttgctgggtct	gaaaggcagc	gacaacatca	tcagcttcta	360
cacgaagcgt	tacggttggt	acccccctcgt	tgtccaaggc	aacggtgctg	gtggtgacgt	420
gactgccatg	ggcgtgtccg	ccgacctgat	caatgtcgtg	cagaaactgc	agtaagccac	480
tttatcaaaa	gaccaaagaa	cggctctgact	tagattttgat	atacaagaaa	cccgcgaaagt	540
tattgaagaa	gaacacccccg	aaatataatt	ataaaatttt	ataacataaa	gataaaattc	600
ctgggcgcgt	cgacctgctt	ttaaagggcc	gataatggta	taagttttta	cccctaaatt	660
tacccccccc						670

<210> 4713

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<400> 4713

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cttcagagc	atcgtcagc	agttcgttga	gttctactac	aagaccttcg	atgaaaaccg	120
cgggcagctg	tctggtctct	accgtgacca	gtctatgctc	actttcgaga	ccagctccgt	180
tcaaggcgtt	cgcgatatca	ccgagaagtt	gacttctctt	cccttccaga	aggctcgttca	240
ccaggtcagc	accctcgacg	cccagccttc	taatgaggct	ggtgggtattc	ttgtcatggg	300
gactggcgct	ctgcttgtcg	acgatcagca	aaaccccatg	aactacaccc	agactttcca	360
gtctttgcct	gacggagctg	gaagctactt	cgtcttcaac	gacatcttcc	gtctgggtta	420
cggtagctaa	atgcaagatc	gtggaggccg	atgttgtatg	ttagggttctg	ggcgggggac	480
cagcttatga	agattatgat	tatgagggga	taacagctct	gctgctactt	cttctgctgt	540
gagaatggct	tgcttcgatt	tcctagctgc	ggggtagcaa	tgtgggtgtt	ggacgttact	600
ttccctgtta	tacactggct	agacttgaaa	ctgtatcaca	tcgtctatca	aggcttttgt	660
cctgtctt						668

<210> 4714

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 4714

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ataagcaagt	caccgttgaa	cttaactcaa	caacagataa	ccactgata	gatcccgaga	120
ccggcgatat	tctccatggc	ggtaatttcc	aagcggtttc	cgttacttct	gcgatggaga	180
agacaagatc	atgccttcag	atgcttggca	ggctcctctt	ctctcagtct	actgaactgg	240
tcgacccaag	ccttaacaac	ggcctcccta	ccaatcttgt	cgccgatgac	ccaagcctct	300
ccttcactat	gaaaggcgct	gatattagca	tggcttcata	catggcgagan	gtggcttacc	360
ttgccaaccc	ngtaagctcg	cacgtacaag	cagcggggaa	tgcgcaccaa	tcaatcaact	420
ctatgggctt	tggatccagt	ncgtacacca	tgcangcagt	cgagatagtg	tcgctcatgt	480
gcgctngtag	tctatacatg	gnatgccagn	cttnggatct	ncagagtactg	cattttgacc	540
tacctcgata	acatcaagnc	ccaactncat	ctgcttactt	ncatcttttc	ttcctcatac	600
ctatcagaca	aagagtctga	aactttggac	gnatcactct	tggaaaacat	nttcaaaaag	660
ctggtcggcc	acaacc					676

<210> 4715

<211> 735

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(735)



<223> n = A,T,C or G

<400> 4715

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catttcgcat	ccaagccgag	tgtttcaacc	tttcaaccgt	gtcaattggt	cgaatccttg	180
aaataaccga	atgcgcttta	taaatgtaca	aacctttgcg	ctggaggagt	tcttcaacga	240
gcaagtccct	cettacgcca	tactttcaca	tacgtgggga	aatgatgaag	atgaagtgtc	300
atttcgcgat	attaccgaga	gaaataccgg	ggatgccagc	tggccagtta	aattcaaggg	360
ctggtgcgaa	cgtgcagaaa	aggatggcct	tacacatgca	tggatcgaca	cctgttgtat	420
tgacaagacc	aactcagtcg	aactcgggtg	agccatcaat	tctatgttcc	gatggtatag	480
caatgcctct	gtttgctatg	tctatttctc	cgatgttact	accgacgac	gcaaacagtt	540
accctctcaa	atatcctcca	gccgggtggt	tcaacggggg	tggacattgc	aagagcttct	600
agcaccgagt	cgtcttcttt	tctttaattc	acagtgggtg	gatattggca	gtaaagccca	660
atgggcangc	ctgatcgaaa	cgatcacagg	catcttgccg	gcattcctnn	ctcgagagaa	720
ccgtgtcaga	ggcaa					735

<210> 4716

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 4716

cagaggccct	gccggctgaa	actagtctca	tgactcgcgc	ggatcgtttt	gtcagtggcg	60
gagatggatc	aatgatcatg	gatcacgaga	tctgtatctt	gaacggagac	ctgaactatc	120
gtatagactc	tataccacgc	aacgtcatca	tccaggacat	tccgaacaac	cgattcacca	180
agttgctcga	gcgagaccaa	ttgctggcat	caagacgcaa	gaacccaggt	ttcctctcgc	240
gatctttcat	cgaggctccg	atcacgtttg	caccgacata	taagtatgat	gtgggcaccg	300
atgactacga	cactagcgac	aagaaaacgt	ctcccgcgatg	gtgtgatcgt	gtcctgtatc	360
ggggaatagg	ccgggtgaag	caacttgaat	accgacgaca	cgaagccaga	gcctctgatc	420
accgtccagt	cagcgcacgc	ttcaaaactcc	gggtcaagac	cgtccaaccc	aacgaacgcg	480
ccgcagtctg	ggaatcctgc	cagcaggagt	tccagaagga	aaagcgccga	cttgccctcg	540
aagcaagcat	tgaatacctc	atcagcgtcc	tccgcaccga	acccaacaa	gcccgcgcgc	600
tgattctggg	gaatgggaac	tnaatcagcc	tatcctcaca	cccccttcgt	tcattggttc	660
cctacatgca	ggtacattgg	ctatngaa				688

<210> 4717

<211> 707

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4717

ggaattgccg	ctctganccg	gcacgaggcc	ctatatcctc	gaccccgttc	cccttccgcc	60
tctccgcaaa	acaacaccag	actcttctct	ctaccagca	ccatcgtecg	gggggtccga	120
gtatgcagag	caataaggag	acggcactcg	accccgagcg	caacccacag	ggcgaggggg	180
aggtgcggac	atctaacgac	catgacatgc	taatcgacga	ggctgccgac	gcgagtagtc	240
acatctccgg	catgaagttg	tatctcattg	tgctaagtct	attgctcgct	gtgttctgcg	300
tggtctctga	taacaccatc	ctgtccggtg	ccatccctcg	catcacggat	gaattccacc	360
ggctgaacga	tattggatgg	tatgcgtccg	cctatctact	gactacgtgt	gccttccaat	420
tactatatgg	caagttatat	gccctcttca	gcaccaaatg	ggtctttctc	gtcgccctgg	480

gtatttttcga	agtgggctct	ctgatctgcg	gcgtcgcacc	gtcgtccggt	gttctcatcg	540
tcggccgtgc	catcgcgga	gtggggagct	cggggatctt	tacaggtgct	ctggtcacca	600
tcgcgcata	tgtgcccttg	gccaagcgac	cagtttacat	ggggctcttg	ggggggatgt	660
acgggattgc	gtcagtggca	ggccctctgt	tggggggcgc	cttcaca		707

<210> 4718

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 4718

cgaagttttc	gccgctgctc	catttacttc	tggtacaggt	tagatccttc	tacctaccag	60
gtaataaacc	aattgtattc	gccttcattg	cccgggtctgt	tttaatttga	cttaagtcaa	120
ttaatcaacc	ggtttatcgg	aatcattctc	ttgtagatcc	gatctttgaa	tacttgaca	180
gcaatcatgg	gtgtttcaat	cgttctgggc	agccagtggg	gtgatgaagg	aaagggcaag	240
attacggata	tgctcgcgca	gcaggcgacg	ctgtgctgcc	gtgccgctgg	cggtcacaa	300
gcgggccata	ctattgtcca	tggtaacaa	acctatgatt	tccacattct	tccctctggc	360
ctgatctccc	cttcatgtat	caaccttatc	ggtgctggta	ccgttgttca	cgttcccagc	420
ttcttcaagg	agttggcttc	tcttgaagag	aagggtctcg	aggggtgctag	caagcgcatt	480
ttcattttcg	aacgcgcgca	tgtttgcctt	caattgcact	ccggtgtaaa	tggctttgga	540
agaggccaaa	ctgggtgggt	cgaagaggtt	gtactaactg	gaaaggcatt	gggtcctgct	600
acagagaaaa	agcttcttgc	aagggtattc	cgctggggag	agatcctgga	tgaagcgggt	660
tttcaacca	aattaccgg					679

<210> 4719

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 4719

cggcattgtc	attgagcgcg	ttgagatgat	tcttaagtct	ggggcaaagt	tcattttcac	60
tactaagggt	atcgatgaca	tggtcctgaa	gctgtttgtt	gagaggggag	ccatggccgt	120
tcgccgctgc	aagaaagagg	atctccgacg	cattgccaa	gcttccgggt	cgacactgg	180
cagcacgctc	tctgatctca	acggagatga	gaaattcgag	gcctcgtacc	tcggccatgc	240
ggaagaaatt	gtgcangagc	ggatatccga	tgatgaatgt	ttctttgcaa	gggtcccaag	300
ttcacacctc	aactttttatt	attctttggg	gggcaaagct	ttactttggg	acaaaatgaa	360
ccgtccgggt	acgaactccc	ttggggctgg	caagcgaaac	ctcggaacgg	gggccttgg	420
ttcggaaggg	ggggctgtca	aaaagccctt	tattattacc	ccaaaaaatt	cgcgcccag	480
gtaggctctg	ggaaccacct	tgcttccgga	aaatttttca	accccttttg	tttgttccaa	540
aaaccttgg	ggaaaacctt	ggttaagaac	ctgttccaac	ttggtggccc	actttttgtc	600
cccccccct	cttatocacc	gtgggcagg	gtgggtcccc	cagtagggag	gagaaggccc	660
ttcttaag						668

<210> 4720

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 4720

aggaattttt	tttttttttt	tttttgcgaa	agattagaaa	tcgatggaga	acccttttga	60
ggcggaacta	ccacatcagt	gcggtattact	acccatagac	attattatag	acggaaatat	120
gaaccccaaa	tagcacgggc	ccaaagttga	ctactcagtt	atccacgcat	gtgattgatg	180
gtaattccac	ccgatccgtg	tttaaattgg	agactgaatt	gccagtcac	tcgcgagccg	240
tgcatagtag	aaggggatct	caaaccttca	ctagtgttta	ccggtgactt	gatcgcccgt	300
caattttttc	actgcttact	tggccatgtc	accaagagcc	accatgcaga	ctgtctgcca	360

gattcctagg	cctatacggg	gagtaactgc	acggtgaaga	cccttaagac	cgttggtctc	420
gtagatgtac	ttgaagggtt	tgccaacggg	caagttctta	agccggttgg	ggtcgtgctt	480
cttactctgg	atgtgcacgc	gaatgacttc	aataggctgg	ttccaagcag	agagaccacc	540
accgaggccg	gaagctaaga	ccttgtccat	tgactcag	ttttggcctt	catgcttgg	600
ggtcaccttt	gtgaattgg	gaatctgcca	gaccagaaag	aaccggacga	gat	653

<210> 4721

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 4721

cgttgctcta	gcattgctct	tcattggcctt	acaaggggtc	gagcagacga	tccttcggga	60
tccagcttta	ttttattgga	tcctgttccc	catcaccatt	gttatgatac	tgacaggtat	120
ccttcgtcac	tatgtacag	ttttgatgaa	cacctctcct	aagcctgcgt	ctactctggc	180
cgaatcccg	gagcgtctct	cgctcctgcg	cggagtcagt	ctccgcaaca	atgcttcagc	240
agtcctctct	aaagatgcgt	ttgaaatgcg	caagaactat	cttgtctcag	cgtaccaaag	300
tggcgagttc	ctaaaggacc	cggccagccg	cggccaaccc	ccagcaaata	cgatgactga	360
ccctgcgggc	atggaggcta	tgatgggtat	gatgaaggga	aatatgatga	tgatgatccc	420
gcagactctt	attatgagct	ggattaatgc	cttcttctct	ggattcgtta	tccttaagct	480
gcccgttccc	ctcaccatcc	ggttcaagtc	tatgcttcag	tctgggtgca	tgactcggga	540
cttgagcgtt	aggtgggtat	ccagtttgtc	atggtacttc	ctcaatttgt	ttggtcttca	600
gtctgtgttc	gggttcaccc	tgggtagcga	caacgctgcg	aatcacatgt	cccaacanat	660
ggctactatg	aaccttgcca	tggg				684

<210> 4722

<211> 861

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 4722

cacaatgcgt	ttcgcagctc	tggtgatagg	ccttctggcc	actttcgttt	cgacggtgac	60
ggcaaccgct	ctcacttata	aactcgaagc	caacgagaaa	gcttggttct	acaactatgt	120
tgaccagagg	aacgcgaagg	tcgccttcta	cttcgctgtc	caatctggcg	gctctttcga	180
tgtggattat	caggtgggtc	gccctgggtga	gaaagtgggtc	ttagatggaa	ccaaagaacg	240
acagggcgac	ttcgttttca	cggcacagag	catcggggaa	tatagattct	gcttcaataa	300
tgaaatgtcg	actttcgccg	agaaattggg	ggattttgag	attgcggtcg	aaaacgaaga	360
acgtgcgcaa	ctcccttgcc	gacaggggtc	cagtcgccgag	caggccttct	ggatccaaga	420
gtccgtatata	aagctttgcg	accagctttc	gaccatttgt	cgaaaccaga	aatacttacg	480
gacccgagag	aaccgttact	tcagcactgt	tcgtagcaca	gaacgtcaga	tctttaactt	540
tagcgtcatt	gagggctcga	tgatgggtatc	gatggcttga	ttgcaagtct	ttgttgaaca	600
ggggttctta	caaagtgtc	cgtagggtta	cgtgtgatga	gcatgaaatg	tgtctatgna	660
cgatgatcga	ggggtgacac	actgaatcta	cctctgagta	catagggtcta	cactcattcg	720
gtattatgat	canatgtact	aatcgggttc	acaaggcatc	ccagtcacta	aaattccaaa	780
tctcctgcgg	gcattgtcat	catgcatcta	agaggatccc	ttcattgggt	tgattttgtc	840
actccaccgt	ttccgccatg	c				861

<210> 4723

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 4723

cggtgtcggc	gtttatgact	tcacccagga	tgacggctcc	tgtgccctga	atatcatcgt	60
tgaagcacgt	gtaaataatca	cggtaacgct	ccaaggcagg	gaaggggttc	ttgaagtctt	120
cgaactgaat	gacaatgcc	ggccaacgct	ccgtaagagc	agacatcaac	tcattccatga	180
actcccgcctc	ctcttcgggc	gtaatcttgt	cacgattgct	acccatgtac	aacgggtctt	240
cccggagggt	cttggttgctt	gttcccagat	ccaaagtcaa	aagcagggtg	gcctcggggc	300
gaatacctgc	acatgcagtg	tagagcgcca	acttgcaatg	ggaatgcca	ttccattaat	360
gccaacgtcc	gccgaggcga	aaattctgga	accatctgtg	atgcatgtga	acctcacatt	420
gtgcttgggc	caattggcaa	tgaccgcaac	aagattgccg	ggaactttcc	actttaagac	480
catcctttcc	gttgctggat	aatcttgaac	atTTTTtgc	aactttaacg	accaaccggg	540
gttataacca	aaggggaaga	ttccttaata	taatccctac	caaacgggta	aatataatcc	600
cttggttttg	caaaaaggct	taggtaaaca	atttcaaaaag	tgggttggtt	aagggcctta	660
tgcccaaaat	tttttgct					678

<210> 4724

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 4724

gaacccgacc	acgggcaactt	atatcacaga	gttttccaag	tgtacgatcg	gaaacatttg	60
ctcgccctcg	ggtggcaata	gtgtcaagtc	cagttgcctt	tctgacaacc	gggggggtcac	120
cacctatact	ggccatcaat	gtggcaatgg	cattgttgag	tcgggcgaag	actgcgactg	180
tggcggggaa	gaatcctgcg	gagacaatag	ctgctgtgat	gccaaaacgt	gtaagttcaa	240
gagcggcgcg	gtttgcgatg	atgccaatga	cagctgctgt	tcgaagtgcc	aattctcttc	300
tgctggaacc	gtctgccgag	ccagccgtgg	tgaatgtgat	gaggaagaaa	cgtgcagcgg	360
tacttcgagt	acttgccctt	ctgattcctt	taagaaagat	ggaacgaaat	gtggcgattc	420
ctcgccgggc	ctaacttgcg	ccagcggaca	gtgtactagt	cgagattacc	agtgtcggtc	480
cgtcgtgggt	agcttgctgc	acaacaacga	gacgtacgct	tggtctgcat	atggctcgtc	540
ctgtgaagtg	gtctgctccc	tcaacacatt	tggtcaatgc	tacggcgtca	acaaaaactt	600
cttgacgggc	accccttgga	acgggtgggtg	ccattgcaag	aacggaaaaat	gccaccggtc	660
tagcgtcaaa	ggctggatn					679

<210> 4725

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 4725

gaacatcaag	ccccagggtt	accgctacct	gatggccaac	ggccgccaca	tcattcctct	60
tgctgagggt	cgtcttgctc	accttggtcg	tgccactggg	cactcctctt	tcgtcatgtc	120
ctgctccttc	tccaaccagg	tcctcgccca	gatcgccctc	tacaaggccg	aggatgctga	180
gtttggcaag	aagtacgtcg	agttcggcac	cactggcaag	aagcccgtcg	gtgtctacgt	240
cctccccaag	gtcctcgacg	aacaggttgc	tctgtgccac	cttgagcacg	tcaacgccga	300
gctctccaag	ctcaccctcg	tccaggccga	gtaccttggt	ctccctgccg	agggtcccta	360
caaggccgag	cactaccgct	actaaactcc	tcctttccgt	ttgttggtga	ttgggtatacc	420
ctaacctaga	ttcttttcaa	cattatcacg	atgttacgaa	taacatagag	tcccatttaa	480
cttggggtca	aaagtatttt	gtcttcaacg	gcaataaaaag	tggcatatat	gggggttatt	540

acngataagt gttatgggtc ggcttgcccta ttttgcattc aacagtgcgt actgatgggg	600
catgtcttaa tgttaatggt tggcgattaa atgaaaccca gaacggaggc ctgctatata	660
gcattta	667

<210> 4726  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

<400> 4726	
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ggacatcaac atcaacaaag ttcaagaaaa gatgtttatt aaacttttaa acaaagcgct	120
tctagtgtctt ggtctgctgt cagctggcac gcaagctgca actattcgct tggaccctcg	180
cgcaagtctg ttcgattaca atggcgaaaa ggtccgcggt gtcaacctgg gtggatggct	240
tgtgcttgag ccttgatta caccttcaat tttcgatgcc gctggtgccg aggccgtcga	300
cgagtggtea ttgactaaga ttctgggcaa ggaagaggct gaagcccgct tgtccgctca	360
ctggaagtct ttctgtctctg cgggcgattt ccagcgaatg gctgatgccn gactgaacca	420
cgtccgaatc cccattggct actgggctct tggaccctc gaaggagacc cttacgtcga	480
tggtcagcta gaataccctg acaaggcggg anaaatgggc tgagcggcgg gcctcaaagt	540
tctgatcgac ctcaacngtc accgggatct caaatggatt cnacacagcn gtcggagagg	600
agccatncat ggcacaaggg gacactgtga gcagaccctg atgcttcnac ctgctgccga	660
acgtaccttg gctcgaaacc n	681

<210> 4727  
 <211> 653  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4727	
tttctctaca acagtcgcaa tcatgtctaa cgataaagga ttggaagaga tccctgaggg	60
acagatcgag accaactacg atgagatcac cgactccttc gacgccatgg agctgaagcc	120
tgagttgctt cgcggtgtct acgcctatgg tttcgagcgt ccctctgcta tccagcagcg	180
tgccatcaag cccatcatca aaggtagcga tgttatcgct catgcccact ctggtactgg	240
agagactgcc actttctcca tttgcgctct ccagaagctc gaccccaatg ttaagggctg	300
ccaggccctc attctcgccc ctaccctgta gttggctcag cacatccaga aggtcgtcgt	360
tactatcggg gagttcgtga acattaccct gcccgcttgt attggtggga cgtgggggtcc	420
gtgggggata tatggcttca tgacaagggg cccgatgggg ccccatgacg agatgatatt	480
tgtcgtcata atattccgct ctgtctagaa gtcaccatcc tttgtatgcg ggacgtgaag	540
atttgatgcg gtgctttcat gaaatgacgt caccagaaga tgtcgatatg atgcagacta	600
tgagctgaga tgatgtcttg gactacgatg tcatgacggt gagaattatg atc	653

<210> 4728  
 <211> 712  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(712)  
 <223> n = A,T,C or G

<400> 4728	
cgaggccctt tcgtccacct tcccgtcaac aaggatacca agccccagca ggaggcccg	60
atcctggagc tcatcagcga gcacaacatc gacctcgctg tcttggtcgt ctacatgcag	120
gtcttgtccc ctaccctgtg cgaggctatg tccggccgca tcatcaacat ccaccacagc	180

ttcttgccct	cggttcaagg	cgccaagccc	taccaccagg	cctacgaccg	cggtgtcaaa	240
attatcggtg	ccaccgcgca	cttcgtcacc	agcgatctgg	atgaggggtcc	catcatcgag	300
cagaacgttg	tccgcgttaa	ccacggcatg	agccccaagg	agttgaccca	cgctggcagc	360
aacgtcgaga	gcaacgtgct	ggccgcgcgc	gtgaagtact	tctccgagcg	caggggtgtg	420
ctcaacggac	acaagactgt	ggctcttcaac	tagacgcttn	ctggatatat	atgtatatat	480
gcatcaaaaag	ctggaataga	caaaaaggac	gaataaatga	aaacaacctt	ctacagtcag	540
gtcaggtcca	ctctaaagcc	gaacaccctc	aaaaggatga	ttatcctnct	cttcctccca	600
ctgcgcagca	tataatgact	cccccatctg	cgacgcacnc	attccggcnn	atatatccct	660
anaacccatt	agcctacttc	cataaaaacc	ccaagccgaa	tnngagagaa	nn	712

<210> 4729

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 4729

ggaaagaccg	ttgttgattt	cggtcagaac	ctcgtcggtc	ggttgcgtgt	ccgctgcata	60
aacaaacccg	aaggagagag	agtcacattc	acacatgcag	aggtcttgga	gcacgggtgag	120
ctaggaactc	gccattgcg	agccgcaaaa	tgcagagatg	aatttatctc	tgccggaaaa	180
gaagtcactg	attggacccc	acaacatacc	tttcacggat	tccgatatgt	acaagtagag	240
ggttggactg	atcaagatcc	acccttactt	acaaaccttg	tggcattggg	aatgcacact	300
gacctaactc	gtactggtg	gttccaatgt	tcacacccga	tgggtcaacca	gttgcatcag	360
aacgcctggg	ggagtatgcg	cgggaaacttc	ctttccatcc	caacggactg	tccccagcga	420
gatgagcgcc	tccgatggac	aggagacatt	caggttttct	ggccttcggc	gaattttctc	480
tacaatacgg	ccggtatgct	ggggcactgg	ttggaagatg	tggctgcana	acaactcaaa	540
gaaaggaacg	gctgcgtttc	accattcata	gtacccaatg	tgatcagcga	agaagtgtgg	600
ccgcattatg	tacccaagc	aattgggaag	atgtag			636

<210> 4730

<211> 735

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 4730

cttcacaaag	gccactggta	acatcgcccc	tgacatgggtg	tttgtcccca	agaccgcgca	60
ggaatatgct	ccccgcacgc	gcaagaccat	tcacgacctg	aacgaattga	tggaggagac	120
tcccacgcgc	actgtcacca	acctcattct	ccagcagctc	ttcggatggc	ccatgtacct	180
cctgaccaac	gtgaccgggc	acaacaacca	cgagcgccag	cccagggggc	gtggaaaggg	240
aaagcgcaac	ggctacttcg	gcggtgtcaa	ccacttcaac	cctagcagcc	ctctgtacga	300
ggccaaaggat	gctaagttga	ttgtcctgag	tgacctgggt	ctcgccatca	ccggatccgt	360
cctctattac	atcggttcca	cctatggatg	gctcaacctc	ctgggtgtgg	atggaattcc	420
ttacctctgg	gtgaaccact	ggctgggtgc	catcacttac	ctccagcaca	ccgaccccac	480
tctccctcac	taccagcccc	aggtgtggaa	cttcgcccgt	ggagccgctg	ccaccattga	540
ccgtgacttc	ggctttgttg	gtcgtcacat	cttgacgggt	atcattgaga	cccacgtcct	600
tcaccactac	gtcagcacca	tccncttcta	ccacgccgac	gagggccagc	aggccatcca	660
gaaggtcatg	ggctcgcact	accgcacgga	ggccacact	ggctggacgg	nattcttcaa	720
gctctcttca	ccage					735

<210> 4731

<211> 816

<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(816)  
<223> n = A,T,C or G

<400> 4731  
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ctcctccaga gtcaactgtc catgcttctt ctgaaattta cagagccatc tcgaacaccg 120  
cctcagacgc ctctcagaga accctagaaa catctttcac catccgtcca tgctctggac 180  
aagcatggat tgtaccagct ggacatgtct gtctgtgac tactccaaag ggcccccaag 240  
tgggtgatct gaacatatgg aatgcaaaca acccccgaga gcgactgtgg gcagcgcgca 300  
cccgtaaaat tcatgcctct cacgtatccg ttggagaccg tctttgggtct aaccttccat 360  
atctccggcc gcttggttacc atcacgggtg attcacttgg cggcggacag ctccatgaag 420  
tgctcgatgc agagggttaag cggacaaagg gcttcggaac gacgcaatgg ggaggacgag 480  
ttcatgatct tctgggtacc cgatgcgac cctatgtgaa tctgctgatg ggtggcgagt 540  
cattcgactt ccattgccat tcgaatctta cccgctctgt actcccatat ggactgacgg 600  
agcttgatgt gcacgacgtt ctaaagtgtt tccaggtaac tggactggat gaagaagggga 660  
aatacttcat gggaaacttc cccggcgagg ccaggagaat atntcgagtt ctttgccgag 720  
gctgatgttc tgggtgtgcac tctcagcttg tctgggtggt gatttgtcta attgggggtg 780  
ggaggaaaagg ggcgaaaaca tggttaaccac tacccg 816

<210> 4732  
<211> 636  
<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(636)  
<223> n = A,T,C or G

<400> 4732  
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gaaggacaac agtattttca gccttcctac ttccgactac aaggccttgg ttctcgtcac 180  
cttggtcgct actgctgtcc gtctcttttag aatctatcag ccgacaagcg ttgtcttcga 240  
cgaagtccat tttggtgggt ttgctgcaaa atatatcaag ggccgctttt tcatggatgt 300  
tcacccgcca ctgcgtaaaac ttcttattac acttgccgggt tgggtggctg gattcaatgg 360  
cgatttcgat ttcaaggaga ttggaaagga ctatttgcca gcaagagtcc catatgtggc 420  
aatgcgaatg ctcccagcta tcatgggtgt gcttacggtg tcttgatgt tcttgacatt 480  
gaaagcatcg ggatgtcgca ccacgactgc cgtgctatgt gctcgtgtgg tgatattcga 540  
gaacgccctg gtcacccagg ctgctctgat cctcttagac tcgccgctgg agttctttac 600  
tgcactcacg gncatgtcat tcacatcttt cacgaa 636

<210> 4733  
<211> 706  
<212> DNA  
<213> Aspergillus oryzae

<400> 4733  
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tctctccaag gaggagattg agcgcagtgt tgccgatgcc gagaagtaca aggctgagga 120  
tgaggctgag gcttcccgtg tccaggccaa gaacggcctt gactcttatg cctactccct 180  
caagaacacc atcagcgagg gcaagcttac catctctgac tccgacaagg agaaggtcac 240  
cagcaagggt gatgagatca tcgggtggct tgacagcaac cagaccgcca ccaaggagga 300  
gtacgagtct cagcagaagg agctcgaagg tgttgccaac cctatcatct ccgctgctta 360  
tggcgggtgcc gctggtgctg ctctggcggg tgctcccgcc getgccccg gtggctccac 420

tcgcaccgct	gacgagggtg	aggagaagcc	cgaggagctt	gactaaatct	cttgaccggc	480
aatgtttttc	ttctacattc	ttgctgttgc	ggatgggcga	tcggctttta	atggtttttg	540
tctttaatac	tctctgcttg	tctcttttta	acgaatttat	gggatttttt	ttttgtgcat	600
ggttggtaaa	atccgagttt	ctttcccacg	cctggtgaat	tgccgaactt	gggaggggaa	660
aaagtctcct	tccaaatggt	caaattcttc	tttaacaaaa	aaaaaa		706

<210> 4734

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<400> 4734

cgtgctggtc	aaccgtcaat	tctccattgc	aaccatccct	accttcattc	cccctcgcag	60
caatccacac	aactctatac	catttcgcga	atcttcctcg	caatcgctcc	ataacaacaa	120
atcgaaaaga	tgccctccac	caactacaaa	gaagcgttct	ccctcttcga	taagcgcggc	180
tccggcaagg	tctccctgga	gtccctcggg	gacctcctgc	gcgcattgcg	ccagaatccc	240
accctcgctg	agatcgccga	actggagaac	ggccttgggc	gagacttcga	cttcgaatct	300
ttcgtgaagg	ttctcaaccg	tccaaacggc	ttccgcgata	ctgggtgagg	cgaggaatac	360
tgccgcggat	tccaggtggt	cgataaggat	atgaccgggt	ttatcgaggt	cggtcagctt	420
cgatacattc	tgacgaactt	gggcgagaag	atgtcggacg	aggaggtcga	tgagctgctc	480
aaggcggttg	ataccagctc	gggtgagatt	aactacactg	acctcgttcg	caccattctg	540
gccaaactgat	gattgatata	cgataacccta	tgttctatga	tattatgaga	atcgctcgag	600
ggcgagggtt	gggctaagtt	tcagttcggt	tgtattgtat	atcggtttca	tatgatatgg	660
atagcaa						667

<210> 4735

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 4735

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cggtggggag	aaactctcac	gggaagtagt	catgaagtgg	gcccattcgt	tgaaactgat	120
taatggctat	ggaccaacag	agacaactat	tttcgcggtc	ctgaacaatg	tgaccccaag	180
caccgatcct	gcttgatttg	gctatggcat	tccgtccaca	ttgacgtggg	ttgttgaccc	240
tgaaaaatcac	aaccggctct	ctcccctggg	tgcatagga	gagctggctt	tggaaggtgc	300
tgctcttgca	agagagtacc	tcaaaagccc	ggagaaaacg	gcggatgcct	ttgttaatga	360
gccaacatgg	atcagagact	tccccagctc	cctaccttca	cccaggagga	tatacaagac	420
tggtgatttg	taagatacaa	ttcagacggg	tctatngaag	acatcagccg	taaggaccca	480
caanngtcaa	atcacggtct	ncgtatggga	gctcgtgaaa	ttgagcaccg	acttgtgcga	540
agatcgccgg	gtgcgttaag	cccgtgggat	tctaccatat	cagggctcat	tcaaaaccgc	600
ttggnccggg	gggttgcttta	aaatttttga	cctaggaacc	ggctaattct	gaggggcatt	660
caacttatta	cn					672

<210> 4736

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 4736

gagaaccgtg	acattctgat	gttctgttac	gaagtcatca	aggagtcata	tcaggagccg	60
gtgcagactg	caaagaaggc	tttatctgct	tcagaagaac	actttctgat	taagcttcat	120
ggaccaaagc	gtgggtgagaa	acgaggcacc	acttcttctt	acgcttacia	gttgactcgc	180
tttgcccttg	atgtccttcg	ctcggctctg	agcaagtgtg	actcactact	cacgccagcc	240
aatgtggctg	gattccttcc	tatcattggc	gattcgctgg	tccaggggca	ggaggaagtt	300



aaaatctcgg	cccttcgact	gctgtctaca	atgatcaagc	ttcctcttgc	tgagcttgat	360
aacaactctc	atgtgtatct	cactgaggct	gtcaagatta	ttaaggaggc	gccgagcaca	420
aacactgagg	ctgcccgaagc	atcgttgaag	ttgattgcgg	ccatgcttcg	ggagagaaaag	480
tcgacaaagc	tcagggatgg	gcatctctca	tatttggtgc	agcgccctcac	ttctgacatt	540
gaagagccag	atcgtcaagg	catcaccttc	aacttcatca	gggctgttat	gtctaggaag	600
ttcgttgtca	ctgaaatgta	cgaagtgggtg	gaccatattg	ccaccatgat	ggtcaccaac	660
cagacccgct	ctgcgcgtg					679

<210> 4737

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 4737

acgtatat	ttt	tctcatgatt	tggccccgcc	aaatcataca	gataaaatcg	gtagaccggt	60
gtagttcatc	gtctgtgtca	tcatgtacgg	caaatcactc	atcttggcta	ccactctctt		120
gggaacccat	tctcgagctg	ctgtgctccc	tcgcgctagc	attgaccatg	atgctgtcgt		180
gggatttgac	cagacgggtcc	ccagcggcac	cacgggcgag	gtctatctgg	cctatcaacc		240
agatctgtat	gtggtcaacg	gatgcgtgcc	attcccagcg	gtagatgccg	agggtaatac		300
caacgccggc	ctcgagccaa	ccggggattc	cagtgggagc	tgtagtagca	gtaccggcca		360
aatctatgtt	agaggcggca	tatcgggaga	ctattatgcc	cttatgtact	cttgggtactt		420
ccccaaagac	gagccatcca	ccggccctatg	ccaccgccat	gattgggaag	gtgttattgt		480
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acatgggggc	tgggactgtt	cgaccgacag	ctacacgctc	gatgggtcca	ccccctttga		600
ttcaatacta	cagtgtctgg	ccgggcaatc	atcaatgtgg	actgacaacc	actgtcgggc		660
gggacacaac	ccttgattgg						680

<210> 4738

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<400> 4738

ccagctcgg	ctattgcata	ccgcacccaa	gatgactcca	gagaaggccg	ctatgtctga	60
acataattgaa	aacgataacc	cagcgaggca	tgatgatatac	gacctcccca	acagtagcga	120
ggcacataacc	gccattgcga	aagaacgtga	gatgactcta	tggcaagcgc	taagacttta	180
tccgaaggcg	gtggcggtgt	ctcttctgtt	ctcctgtgcc	attatcatgg	aaggctacga	240
tgttgttctt	atcggttcc	tcctcgcat	tcctgccttc	aacgaaaaat	acggaggtct	300
catgtccgac	gggacatatg	ggctcgaagc	taggtggcaa	gcaggtgtta	acaacgcgat	360
ggcctgcggc	cagattatcg	gactttttct	caatggactg	gtctcagagc	gcttgggata	420
ccgaaagacc	ctgattggcat	gccttgccgc	gaccgttgg	ttcgtttcat	tctgttcttt	480
gcgcccaata	ttoaaactct	cgttgtcggc	gagctcttta	tgggcacccc	tcttggtgta	540
taccaaacc	tcgttgtgac	atacgcatcc	gaagtgtgcc	ctgtcgcatt	gcgcgcata	600
ctcaccacct	atgttaaacc	tttgctgggt	gtaggggcca	attgctcg		648

<210> 4739

<211> 630

<212> DNA

<213> *Aspergillus oryzae*

<400> 4739

cccactcccc	tatcagagta	tccagtgaag	atgtctctta	agcctattat	cctccatggg	60
cattccgcgc	gtcccaaccc	ctggaagggtg	gccatgctcc	tcaacgaact	taatgttctt	120
tacgaataca	aatatcttca	attcgccgaa	atcaagagtg	agcccttctt	caagctcaac	180
cccaacggcc	gtgttcccgc	catcgaggat	cccaacacag	gaatcaccc	gtgggagtcg	240
ggtgctatcc	ttgaataactt	gattgaaacc	tacgacaaaag	agaagaagtt	cagtttcgaa	300
gccggcactc	ctgaataactt	ccacgccaaag	caatggctcc	acttccagat	gtcgggtcag	360
ggccctact	tcggccaggc	agtatgggtc	accaaatacc	acccggagaa	ggtcgaaaagc	420
gcccgggtgc	gtacgtcaa	cgaaatccgt	cgtgtgtcgg	aaacgatgaa	caatgttctt	480
gcagaccgtg	agtatctggt	cggcgacaag	tacagttatg	ccgacctctc	cttcgttccc	540

tggttcggca	tcattccctg	gatcacgga	gatgcatttg	atctggaaaa	ggactttcct	600
catctcaatg	cctggttgga	aagaaataag				630

<210> 4740  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4740						
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tcagtgggttc	cgaggtctat	gacatgtatg	tcggtgaggg	tgagaaaaat	gtcaaggcta	120
tcttcacatt	ggccaagaag	ctgagcccgt	gtgttgattt	cattgacgaa	gcagatgcta	180
tcttctgctc	goggaccgga	gccagcagtc	gcacatccca	tcgggagctc	attaaccaat	240
ttttgcgaga	atgggacggt	atgaatgacc	tgtcggcttt	cattatgggt	gccaccaacc	300
gaccatttga	tctcgatgat	gctgttctgc	ggcgtctccc	taggcgactg	ctcgtggacc	360
tgccccttga	acaagatcga	ctggccatcc	ttaagatcca	cttgaaggaa	gagaatctcg	420
atagctctgt	tgacctcgct	gagctagctc	gccgcactca	gctctattct	ggatccgatt	480
tgaagaacct	ttccgtcgcc	gcggctctag	cctgcgtccg	ggaggagaat	gacctggcgg	540
ctcagcacca	gggcgacgag	ccctaccaat	accagaaaag	acgtacgctg	acctggaagc	600
atttcgagcg	tggaatggag	gagatcagcg	cctcaataag	cgaggacatg	tcgtcactct	660
tcgcgatccg	caagttcgac	gagcagtat				689

<210> 4741  
 <211> 680  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4741						
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ttattggcca	tctcatgcac	cgacaaggcg	tgtgcttcca	agcatggacg	ctctgatcag	120
ccagtgcacg	aaccctcggt	cctagacagg	agaacatcat	tgtcttcgga	ggagcgtcag	180
ctccgctcac	acgataactt	tcgatttctc	aatgacgaga	cgaggcgat	gtattcatac	240
ttcctgggtg	atgaatgctg	atgtaggcat	atggatcaat	agcctacctc	gtggagagct	300
tgcttgatgt	gccattcgac	gtcgggtgaat	tgtactcggg	atcagtgccca	atcgaaaagg	360
gtaacagctc	gagaactctc	ttcttttgtt	tccagccgac	agtgggggag	cctgtggacg	420
aaattacaat	cgagggttaat	ggggggcccg	gtgctagctc	cctcgaaggg	ttctccaaga	480
aaccggcaga	tttgtttggc	caccaggaac	ctatgcgcca	gtcattaatc	cgtattcctg	540
ggtaaatctg	actaacatgt	tgtgggacgt	ttcgattgtc	tcctttggga	tccttcttta	600
atcttcacta	tagggttgaa	caaccccggt	ggaacgggtt	tttacaagca	cacctactgt	660
tacacttgag	aagaaacgcg					680

<210> 4742  
 <211> 901  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(901)  
 <223> n = A,T,C or G

<400> 4742						
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ctctttgccc	ccgggcgcgc	cgcggaatgc	tgaaggccca	tattgtgaat	atactagaca	120
ttccagggac	agggaaagac	ggacgagtc	tcaaagaaga	tgtccttcgg	tttgtgacag	180
tgccgggactc	tgacacctac	tcgcaacctc	caacccctac	aatccctaca	accctgtgt	240
cacagcagtc	agatacagcg	gtcaacctga	caccaattca	gtcacaaatg	tttaagacca	300
tgacacggtc	gctcaacatc	cctcacttcc	tatttgcaga	tgagctaaac	atcaacaata	360
tcactgctct	gagaaagaaa	ctggccaatg	atccgaagga	ccccaggaga	attaccttcc	420
tctccttcgt	tattaaagcc	gtctctctag	ccctaaatga	atatccaatc	ttgaacgcc	480

aggttgacac	aagcaatccc	gacaagccac	aactcatcat	gcgggcccaga	cacaatattg	540
gtgttgcaat	ggatacaccc	caaggcttga	ttgtgcccac	tgtaaagat	gttgccaacc	600
ggtctattga	agatgttgca	gcagaaatct	cccgtctgag	cgccttangt	aaaagaagg	660
aggctcactc	cagccgacct	gagtggcgga	acaatcaccc	tctcaaatat	aggaaatatt	720
gnnggtacct	atgtcgccac	attgatgggg	tccaatgaaa	gggctatcct	gggtgttgga	780
aaatccaaga	ccggacccaa	tcttcgatga	ggcgggtcaa	ggtaaccaag	gggtgaattg	840
aaaatttcac	ttggaatggc	aaacaccgat	tctggggccg	cgccactatt	gcttcggatg	900
a						901

<210> 4743

<211> 549

<212> DNA

<213> *Aspergillus oryzae*

<400> 4743

tgaatgcgac	tgctgaatcg	ccgaggcgat	tcttatcccc	cacacccggt	ggttcttcca	60
cagaactggt	tgaatcgctc	ttctacgact	ccgatcaatt	gaagatacac	gttaagaaat	120
gttcagacgc	ttggtaactg	ttgttccccg	ggttggcacc	gtggtgtcgc	ctcgcattac	180
cccggccctt	tccggcattc	aaagccagcc	cgttctccgg	gccccctgca	caaagagaag	240
ctatcacgag	aaagtgttag	atcactataa	caacccccgt	aatgttgga	gtttcaacaa	300
gaacgatgcc	gatgttgcca	ctggctctgt	tggcgcccc	gcttgcggtg	atgtcatgaa	360
gcttcagatt	cgtgttgaca	aggatacgaa	tgtgatcagc	gatgtcaggt	tcaagacatt	420
tggctgtggc	agcgccatcg	ctagtctgag	ttacctgaca	gagttggtgc	gcggtatgac	480
tctcgaggag	gccggggaaa	ataagaatac	tgaattgccc	gtgaactttg	cttgccgccc	540
gtgaaagtg						549

<210> 4744

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 4744

tcactcttca	cagttcagtc	ttctccaaga	caagcttctc	tcgcttaca	acttctccga	60
gtctaccctc	gttcaaaacc	aaagccacca	tcacaatgca	gttctccgtc	gccgctgttc	120
ttgctctggc	tactgcggtt	gccgctcttc	ctctgcctc	tggcaactggc	gctggccagc	180
aagtccgaca	ctccaagaac	gacttccctc	tccctaagga	gttgaccacc	aagcaggccg	240
ccgacaagtg	tggtgaccag	gctcagctca	cctgctgcaa	caagaccgtc	aagaccggtg	300
acttcacca	ggttgaggag	ggtctccttg	ctggcctcct	ctccaacctc	ctcgggtgcc	360
gacagggtc	ccagggtctt	ggtctcttgg	atgagtgcac	caacatccct	gttatcccca	420
tcactctccat	cgctctctct	caggagaagt	gcaagcagcc	catctcttgc	tgccagaaca	480
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ggctatgaaa	tgtttccata	gtgtcccttt	ctgtgtcctg	tactggcatc	tcgtgtcgtg	660
gaaccctcgg	agtgaga					677

<210> 4745

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 4745

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gatcgctgtt	atctctgttc	tctggagtgt	ccgcttggca	ttcaactact	ggcgcaaagg	120
aggctaccag	atcggtctcg	aagactaccg	atgggcaatt	gtgcgctcaa	aggtcaacaa	180
ccgattcgtt	ttcttcattt	tcaacatcgt	cttcatctcc	ctgatccaat	ccctgggtgct	240

gttgctcctc	gcggcaccca	cctacaactt	cctccttctg	tcgcgcctcc	ctggcggaaa	300
gacatttgag	gtccccgata	tagtattctc	tcgcatagcc	ttcttcttcc	ttatcatcga	360
atacttcgcc	gatcagcagc	agtggcactt	ccactgcgcc	aagcatgaat	accagaagac	420
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cactgtcagc	ggcctgtggt	ctctgtctcg	ccaccctaac	ttcctcgccg	agcaggctat	540
ctggctgaca	ctgtatctgt	ggaactgcta	ccgcaccgag	tcgtatgccc	agtggactgg	600
agttggtgtc	ctggtttctc	tgctgatctt	ccanggaagc	actcgtctca	ccgaatccat	660
cagctctagc	aagtaccctg	aatacagcga	gtcc			694

<210> 4746

<211> 1147

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1147)

<223> n = A,T,C or G

<400> 4746

tgcccgggac	tcaagcggta	acgtttcttt	caagccgcac	cttcttacgg	accttcggga	60
tggtattttg	cctggcattt	ttgaaaatgt	ccgctatgtc	cctatccctc	gtattgaggt	120
gtcagacccc	atggctgatg	tggtcgtgga	aaaccttgtc	gtcgagagtg	ataacttggt	180
gccgaatggt	gtcgagttcg	gcagtgacaa	ctacctccgc	tggggacgca	agaagatcag	240
cagcaagaga	gacaataaga	tcagtctttc	tgtttctgga	atccaggctg	acttgcgaga	300
tgtcagttac	tacatcaaca	agaaacaagg	attcccttcc	ataacggatc	aaggagttat	360
ggatatcttc	ttgggcggcg	atggcttcgg	cttcaaaatc	gcagcttcta	atgccccaaag	420
ggaagaccgt	cagaacttcg	tcaagttgga	caaagtgtcc	gtgaagatcg	actccttcaa	480
catcaaattg	aagaagtcca	agcacaaggc	tctgttcaca	atcttcaagc	cattgctttt	540
ccgcactgtt	cgccccgttc	tgtagagggg	cctcgagcag	cagatccgcg	atgcattctc	600
taggggagat	gcctttgcct	atgagatcca	cagcgaggtc	aagcgcgcaa	aggaagccgc	660
catcgaggat	cccgcaaaag	cgcctaacat	ctactcccgc	tacctggatg	ccgcgcgcgc	720
caagatggaa	gaaaacaagc	aaaaggcaca	ggctgtcgcc	cagcgcgcat	ctaacactaa	780
ggtcacgacg	gcaacgacgc	ttcacgattc	cctcttcccc	gagatcaagc	ttcctggtgg	840
catctccagc	aaggccactg	agtataagga	gctcgcggag	agggggagaac	gctgggaatc	900
acccatcttc	agtatcggcg	atgcacctga	gtcctccaac	atcccaaccc	cggctgatat	960
caccgcgaag	ccacacacca	ccgcccgaag	ccgtatatcc	gatggcaacg	tgaccaacgg	1020
tagcgcagca	gctagcggcg	cacgcacttn	caacggttcc	accacocatg	gggcaacgaa	1080
cggcnntcgc	tgccgtacag	ggaacagtgg	agtactaacg	gtgccaccat	gtgntcacan	1140
ggcaacg						1147

<210> 4747

<211> 814

<212> DNA

<213> *Aspergillus oryzae*

<400> 4747

ggaccattta	gacttaattt	tgcttgtgga	ttcccgttga	cgtgcgtat	atctcccttc	60
tctcctcccc	ggatctactt	attgtatata	agtgatctgt	tctcatcatt	caactcccta	120
aagttacact	accatatata	ctaatacccc	accaagcacc	tgccgacaca	atgcctgagc	180
acgaagaaga	tctcgttgcc	tccaagaccg	agggtttcaa	ggtcggggag	aagaagacaa	240
tcaatgagta	cactgagctt	gataaaaatg	acgaatccct	aaaccgctgg	aaggcctctc	300
taggccttgc	aaccggtgca	acaattggag	accccagcga	tcccaggaag	tgcatcatca	360
agtctctagc	cctggagggt	gagggacgcc	ccgatgtggt	catcgacgtg	tccgcacccg	420
gtgcagttga	tactctcaag	gacaagccat	tcaccatcaa	agagggtgcc	cacttccgga	480
tcaaggtcgt	cttccagggt	caccatgaag	tcctgagcgg	tctgaaatac	ctgcaggtcg	540
ttaagaggaa	gggtgttaga	gttagcaagg	acgaggagat	gctgggcagc	tatgccccca	600
acaccaccga	caagcccgtt	tacgagaaga	agttccaaga	gggaagaggc	cccctcgggg	660
tttatagctc	gtggccatta	caacgcggtc	tcgaaattcg	tggtatgacga	cgaccacacc	720
ccattgcagt	tcgaatggtc	ggtttgatat	cgccaaagat	tggtaaatct	gacgggtcct	780

ggatgaacca caactcttgt ctgaccaca tttg

814

<210> 4748

<211> 553

<212> DNA

<213> *Aspergillus oryzae*

<400> 4748

gttgggcata	cacgtccggg	cagcttcggt	ctcaaggaca	aagtattgcg	gggccgctca	60
agttgaaact	cgattcctga	caagaaaccc	atatcacaac	ccaccaaacc	gccaaaacag	120
agcacgatgg	tctccgaatc	agacatcaac	tatttacgcc	gttgcgtaga	cctagcccgt	180
gaagctctcg	aagcggggcg	ttccccattc	gggtcagttt	tagtggaacg	cgccgggaag	240
gttatctacg	aggatcgcaa	cgcacccgtg	accgaagcag	acgtcacctg	gcacccagag	300
ttcacaatcg	tcaagtgggc	gcagaagaac	ctgactccga	cggagcgcg	cgctgccaca	360
gtctacactt	cgggtgagca	ctgtccaatg	tgcgcggtg	ctcatgcaaa	cgcgggcttg	420
gggcgaattg	tgtacgcgag	ctctactgct	caatttgtgc	agtggaggat	ggagatgggc	480
ataaaacctt	gtccgggtgc	cctcgtgtcc	atcaatccag	tggaccggga	ttaacttgta	540
gatggccccg	ctt					553

<210> 4749

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 4749

ctacgcaagt	gtcagagttg	aaagaaaagc	ttgcgacgtc	ggaatatgcg	gataccccgg	60
cggagcgctc	gcgcctaata	tactcgggaa	gagtattaaa	agataatgaa	accctggcta	120
cgtacaagat	taaagatgga	cacaccatcc	atctggtaaa	gagtgtgtgt	agcaatcagc	180
gccaggccgg	cacttctcag	actgcctcgg	cctccacgcc	atcaggcacc	tctgtacttc	240
cagccgctgg	tgtccccaca	aaccttgctg	ctggcacagg	caacaaccca	ctggccgggt	300
tgactggcgc	acgatatgct	ggttttgctg	aacttccagg	ggctggaatg	tttggcccag	360
atgggtggcat	gggcctcctc	cctgatgccg	actctatgct	taatatgctc	gaaaacctca	420
attccagtct	actatcaatg	aagctttaca	gaaccacgag	atgattgata	tgatgattca	480
acaaaatccc	atgttgcgcg	aaatgggtcn	cggcgtgcgg	caaatgatgc	agagcccga	540
ttttcgcgta	tgcnttacga	tccaattcgc	ttcgccaggc	gatgcaactt	cagagagcca	600
tgggtggcng	tggtgggctt	ggtggtggta	gcgcaatccc	tgctccgggg	gtcacaaa	658

<210> 4750

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 4750

gtcgctccga	ggaaatcatc	ggaaaggccc	tgacaaagta	caacatcccc	cgcaaccgtg	60
tagtcactct	gaccaagtgc	tattttggag	tcgacgacgg	aggcaagcaa	cctcctatct	120
ccgccgcagg	ccggaacgac	ggcgactggg	tcaaccgggt	tggcctgtcc	cggaagcaca	180
ttttcgatgc	ggtggacgcc	agcgtgagca	gactgggcac	ttacatcgac	gtattgcaga	240
tccaccgtct	ggatcgggac	acgccccgtg	aggagatcat	gagggcgctc	aacgatgtga	300
tcgagagcgg	gaaggtcaga	tacattgggg	ctagtactat	ggccgcgtgg	gagttccaaa	360
cgctccaaaa	tatcgcgga	cggaaacggat	ggcacaagtt	tatctctatg	cagaactatc	420

ataaacctctt	gggctcggag	gaggagcgcg	agatgatccc	ttactgtgtt	gactncnggg	480
gtgggtctga	tcccttggtt	ctctatggcg	cgtgggtgtg	tggcaccgcc	gtgggaatct	540
tggtcgacaa	cccgaggagtc	cacgaggcg	gcttaaaact	ctggcctgaa	cccaaagtcc	600
aggcccaaca	gggaatcgct	aacaatggag	gacttgccca	gagaaggggg	taaactggcc	660
agggtccatt	t					671

<210> 4751  
 <211> 719  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 4751						
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catgttaaag	gacagccgag	aggcctacaa	cattgtctgt	cttggcagcg	gtcaaagtgc	120
cgcagaaatc	ttccatgacc	tccaaaaacg	ctacccgaac	tcgaagacga	cgctgattat	180
gcgagacact	gctatgcgac	ccagtgatga	ttcgccattt	gttaacgaag	tcttcaacct	240
cgaacgggtc	gataagttct	ttagcctttc	ctctgccgaa	cgccagcgct	ccctcactgc	300
tgacaaggca	accaactata	gcgtcgctcg	acttgagttg	attgagcaga	tcttcaatga	360
catgtacct	cagagggtac	aaaaccccga	tgagacacaa	tggcagcatc	gcacccctcc	420
tggccgcaag	attacccgag	ttgagcatta	cggaccgcat	angcggatgc	ggcttcatgt	480
ccgggctgtg	aaagacgaag	aaggacagcc	ttgttggaag	cggcaaggaa	acattggagg	540
tggacgcacc	taggtgggta	caggctacaa	ccgaatggcc	ccaacctttt	ctggaaaaag	600
tacaagcttt	gcccccccg	gccccaaaaa	tggaccccca	acaggaatac	gtgttgagct	660
ggaccaagca	agttaacccc	cagcttgaat	ttggtaacag	gtgcaaaaac	caaccctgtg	719

<210> 4752  
 <211> 997  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4752						
ctttctccac	caccgctgag	cgtgaaattg	tccgtgacat	caaggagaag	ctttgctacg	60
tcgcccctga	cttcgagcag	gagattcaga	ccgcttctca	gagctccagc	ctcgagaagt	120
cctacgagct	tcctgatggc	caggctcatca	ccatcggtaa	cgagcggttc	cgtgctcctg	180
aggctctctt	ccagccctagc	gttctgggtc	tggaaagcgg	tggatccac	gttaccacct	240
tcaactccat	catgaagtgt	gatgttgatg	tccgtaagga	tctctctcca	agacactgaa	300
gccagaaacc	tccctaccac	cttcctctca	agcgtctctc	aaacgaccat	ctttcagaac	360
atccatcata	acaatgaagt	ccttcactgc	catctctctc	ctcgccctct	tctcctcggc	420
tttggccgca	cctgttgagc	agtcaaccga	cgttccacc	gcccgtacta	tttccgtgtc	480
ctacgaccaa	aagtacgatg	tcagcggcag	ctctctgact	actgtttcct	gctcggacgg	540
tgtctacggc	ctcatttccc	agggctacag	caccttcgga	tccctcccgg	gcttccctaa	600
tatcggaggt	gtccctaccg	tcgcccggctg	gaacagcccc	aattgcggaa	agtgtaccac	660
gtccactat	gcggccggca	acgttgacaa	gtccatttac	gtgactgcca	ttgatgcggc	720
acccggtggc	ttcaacatcg	gcctgcaggc	catgaacacc	ctgacgaatg	gattggccga	780
gcagttgggc	agagtcaatg	tggactacac	tgaagttccc	cgctcgaact	gcggcttccc	840
ttaatggatg	agggttatctg	atggatggtc	acgatgaatc	atgagttaca	tgatcccagt	900
atctaatttt	atcttctgat	gtctctactt	cagcatgtga	tatagcatta	atgcgttacg	960
cgggataata	taaaaaaaaa	aaaaaaaaaa	aattcct			997

<210> 4753  
 <211> 688  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4753

tcacgaatt	tcaatcgta	tttcccgaca	ttgaccgtat	caccacgcaa	caccgtggag	60
aggctcgatc	ggccgagcgc	ctactacctg	ggaaaggctc	agcttcataa	gagttcttca	120
atggcaactg	gctggatcgc	gggaataact	aacatgtatc	ttatatatcc	agaacaagaa	180
gcgcaagtac	agccaagatg	acgcggacaa	ggttgcagaa	gatccaaccg	acaacttaaa	240
aaatgctacc	actctttatg	tccgtaattc	gtatgtccat	tgtcttgcg	acggtttaac	300
atgggtctct	cttcatctac	taactacttt	agttctttct	acacaacaga	ggaacagatt	360
catgaacttt	tctcaaaatg	tggagaagtt	aaacggcctg	tgatgggact	cgaccgattt	420
acgaagacac	cctgtggcct	ctgcttcgtc	gagtattaca	cacatcaaga	tgcttggat	480
tgcttgaaat	acgttgggtg	caccaagctc	gatgagagaa	ttatccggac	ggatcttgac	540
ccttggttcg	aggaaagaag	acaatacggg	cggggtaaat	ctggggggca	ggttcgcgac	600
aaataccgaa	aagagtcgac	ccaggacgtg	gcggttatgg	accggcctat	gcataatgatc	660
agagacagcg	ggaaaaaaat	aatacggg				688

<210> 4754

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 4754						
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cttcatttaag	agcatctacg	aggcgttgcg	ctcttccccg	cagtggaaacg	agacgctgtt	120
catcctgaca	tttgatgagc	acggtgggtt	tgccgaccat	gtgtctcctc	ctgagaatgt	180
gccggctggc	gataacctga	cgtataccga	aacggccaag	gacggccaag	aggctacctt	240
ccatttcgac	cgtttgggta	tcagagtacc	taccgttctg	atgtctccat	gggtgggcaa	300
aggcgtgggt	cagaatagcc	cggctgacca	gcctaacgaa	ttcaccacaca	cctctattct	360
caaatatgtg	gctgagctct	ggaacctgga	cattctcact	cctcgcgctg	actggtctcc	420
cagcttcccg	ggtctgatca	ccaacacttt	ccgtgagacg	ccggagaagc	tacctgagcc	480
ggctgatatt	tanagaaatg	aatctgtaca	gtctagactc	gatgtctaga	gccgcatatg	540
acctgatga	cgatataatt	atgacaataa	ccgtttcaat	taaatgagtc	taggcagcca	600
cgaaggtttt	gccttttgtg	gaaaaaataa	tatatnntaa	tatttattat	atataaattt	660
tatttttaat	attattcttt	tattatattt	tt			692

<210> 4755

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 4755						
gatgtccgag	atttcctttg	gttattccaa	agataagccc	cttttaaagg	atgtcgatcg	60
cgatgtgcaa	cttgactctc	ggataggaat	tggttgaccg	aacggcgctg	gtaaaaccac	120
agtgttgaag	ctgctaactg	gccagcttga	gccaacttcg	ggccttcttt	cgcaacatgc	180
tcgcttacgt	attggatact	ttgcccaaca	tcatgttgat	gctctggatc	tgacgaccag	240
tgcggtaaag	ttcaatggca	aaaactaacc	aaggaagccg	gaccaagata	cccggagcct	300
tttggaaacct	tccggattaa	ctgaattgcc	tgaccttcaa	aggatgaacc	tcttgtctga	360
aggacaaaaa	tctggtgcgc	aattgcttgc	ttggccgtga	caaaatccac	atattggggc	420
ctgagcaaac	tttcaaacac	acttgtattg	agaggtatgt	acacattgtc	agggcttgac	480
agaggttcaa	aggtggtctc	gaaggagttc	acacaatgac	acaactctgc	agaacgtgtg	540
ctctactctg	tgtgtgccac	aaaggagcac	atacccaatt	tcaagggccc	cgaaaatctt	600
tacaaaaaga	tgatcatttc	aaagcccaac	aaaccagggt	taacatttgc	ccactaatgg	660
gacctttgaa	cccc					675

<210> 4756

<211> 697

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(697)  
 <223> n = A,T,C or G

<400> 4756  
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 caccttttagc tatgggtcatg tcattccccc agagaatttg atcgcacaaag tcctaggtaa 120  
 aggggttaca ggtacagaat ttgactttac ctttgagaca cgggattcag aacggatgat 180  
 agttgacctg ggacgaacga tggctgctct atgccagggtt attccagatg gcgtcgttgc 240  
 ctttttccca agttatgact atctaagtca agtggtgagc atatggaaaa gaacccttgc 300  
 aggagagaag aatcgactg tctatgactt gatcgagggg aaaaagacta ttctgcatga 360  
 gtcacgagat gtgactataa gcactgagga gcttttgcaa gaatatgcaa gtattgtcgg 420  
 atcagggcga ggggcgttac ttctttccgt ggtcggtgga aagctgtcag agggatatcaa 480  
 cttttctgac agattgnnga gaggtgtgtt gattgttggc ttgccctttc caaatatacg 540  
 cagtgcggtt tggcaagcaa agatccacta tgttgagcaa aaagcataca aagagagctc 600  
 gggcttcgat gcaaaccggc agttggctgc anaagctgcg ggaaaggatt tctatgagaa 660  
 actctgcatg cgggcaggct atcagtgtat agggagg 697

<210> 4757  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4757  
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 tgaggggtgag gctgctcgca agaccttgag cttgggtacc aacgccagct tgagcattga 120  
 gagtctcgca gatggcattg atttcggctc cactgtcaac cgtactcgct acgaacttct 180  
 ctccggcaag accttcgccc agttcacccg cttgatcgag cagggttatcc agaaggctgg 240  
 tttggatgtc ttggacattg acgaggttat cttcgctggt ggtgcctctc acactcccaa 300  
 gatcgcccag ctggcccgcga acatcttctc cgagaagact aagatccttg ccccttcgac 360  
 cttcactggc gctatcaacc cctctgagct ggccccaggg ggtgccgcca tccaggcctc 420  
 tcttatccag gagttcgagc agggaggacat tgagcaatct atccacccca tggctactgc 480  
 cactcctcat ctgaagaacg ccattggtgt cgagttcacc accggtgaga cgtcagagt 540  
 ccagcctctc ctgaacactg agaccgccct ccccgctcgt cgtgtcgctc agtacaacgc 600  
 cccccaggct ggtggcgacg ttttcattcg cgtttgcgag ggtgtccgag agatcaaggt 660  
 caccaagcct gaggcctaagc cccagga 687

<210> 4758  
 <211> 699  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4758  
 cgctgcgtgt gaaaaggagt ttaagaacga tatacgtcta caagaatcac ttgacaggca 60  
 agaaacacat tcgcgccgcc gaggccaaaa aggttccgg tgactctggc gagaagtcag 120  
 cagcagcaaa tgggtgtttcg gccgttgctt ctcgtttgaa ggaacgcgct gtggcagagc 180  
 gtgagcaccg tgttcggctg ttggcgagg tgttgagcgt tgagcgtcaa gccacgcgga 240  
 ccaacgttga gcggaagcag ggtatgactg agagagaacg tcagatggaa ctcgaagcgc 300  
 tgctcgcaga atccgaaaaat gctggcgggtg atcgtgcagg cgatcaatct gacgatgatg 360  
 gagatgaccg gatttacaac ccgcttaagc tgccgcttgc ttgggatgga aagcccattc 420  
 cttactggct gtacaagctg cacggtttgg gtgttgagta cccctgtgag attggcggca 480  
 acctcgtgta catgggtcgt cgcgctttag acaaccactt ctcggaagc ttgcataatct 540  
 ggggggctaaa gtgtcgggggt ttaccctcga atccaaaact ttctcggaaa atcacaaggt 600  
 atcaggacgc ctctttattg gtgggaaaaa tttgaccttg accccaaaaa aaattagggc 660  
 aaccgcgaaa acctgggggc aattggggac cgcaagggg 699

<210> 4759  
 <211> 723



<212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 4759  
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 ctccacacaat ggcggtccctc cgcctacccc gactaataacg cccatccggt cgtcgactat 120  
 actcggggcgc ggcacgcgca tcgtcacgac tgaacctgcc catcgactac aaaaccactc 180  
 cgcttcttca tcacacatcc tccactctct ccgaaagctt agaacttcct ggctctacca 240  
 cctcgaatac catgaacctc taccaagcca tcaattccgc cctacgcact gcactcgcca 300  
 agtcggagaa ggtgatgctc tttggcggaag atgtcgcctt cggagggtgtc tttcgctgct 360  
 cgatggatct acaaacagaa tttgggtcgg aacgcgtttt caatacccca ttgacagaac 420  
 aagggtatcg gggatttgcc attggggccg cagcacaggg tatgaagccg gtcgcggaga 480  
 tccagttcgc ggattatgtc ttcccagctt tcgaccagat tgtcaacgaa gccgcaaat 540  
 tcagatatcg tgaagggtgcc acgggagtag atgctgggtg catggttggt cgcattgccat 600  
 gtggtgcgga tggacacggc gctttgtatg gtccccgccc aatgagcgct ctcaattgg 660  
 tatactgact ntaaccctaa ctagatacca ttcacaatcc cccgaggcgc tntttgcaca 720  
 tgt 723

<210> 4760  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4760  
 ttttttattg caagtttgaa ggaagtgggc agagacatca ttttaagatga gagttgagac 60  
 ctgccacttc tgcagtcgtc ctgtataccc tagcaagggt atcagttttg tgcggctcga 120  
 ttcgaaaatg ttccggttct gcagaagcaa atgtcacaaag aactttaaga tgaagcgcca 180  
 accccgcaag ttgaagtgga ccaagaccag cagagctgca aatggaaagg aaatgatcgt 240  
 cgactcgtct ctcgttctgt ctccagttcgc caagaagagg aacgcccccg tcaagtacga 300  
 ccgcaacctc gtggccgcta ccgtcaaggc tatggagaga gtggaggaga tccgtcaacg 360  
 cagagagcgc gctttcacca agcgcagatt ggcaggcaag ctccgcccgg accgcaagcg 420  
 cgaggaggac cggagggttg tggccgaggg cgaacacctt atccgcaagg aactgcgcga 480  
 cagagaagaa ggcattgccct tgggtgcagga gggcaagcag aacaagatcc acagcgagga 540  
 gaggcccagg cagaagaaga gaaccagagt tctcgtggat ggcacaactc aggaggaaat 600  
 ggacgtcgat taaaggttat gcgctttctt ttgttcttcc agatacgatg ccttgggttt 660  
 tacaacggag gtaggttggt gtgatatctg attg 694

<210> 4761  
 <211> 753  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4761  
 gtacaaatat ctatcatggg ttccggttgca cactctgtgg cagagcttga tgcctctgtg 60  
 gtcaccatca ctccggtcgac aaatctccgc ccggttcctg aaccgggctc gcccgaggaa 120  
 ttgagccatt cgtactgtac tgaccatatg gtccactgcc gatggaccgt ggccaatggc 180  
 tgggagaccc ccgaagtga gcccctttgag aatcttagca tccctccac ggcttcttgc 240  
 ttgactatg ccaactgaatg ctttgagggt atgaagggtg acagaggata tgatggcaaa 300  
 ctgcgcctgt tccgcccggga ttgcaatgga gagagattgc tctcgagtgc tcaacgagcc 360  
 tctttgcccga gettccggta tgaggagctg aaggttctca tcgctaagtt gatgcagatc 420  
 gatggaccac gctggctccc caaggaccaa cccggtcgtt tctctatct ccgtcccaca 480  
 atgattggtg gcggccctca tctgggtggt cagactccca aggaagctct ccttttcatc 540  
 attgccgtgc catggcccga cccattccaag ctgaagaagc ctgaagaagg cactaaacct 600  
 ggattgaagc ttcttgcttc tacacctgat actatccgtg cctggcccgg tggtttcggc 660  
 tatgcaaaagc tcggagcgaa ctacggtcct tcgttgggtg cgcacggtaa agctcaagcc 720

attggccttg atcagattct ttggttggtt ggt

753

<210> 4762

<211> 1047

<212> DNA

<213> *Aspergillus oryzae*

<400> 4762

cgcacacact	ctcccttcgc	actttccgcg	ctaggccgcg	agtagtctca	tcaactccaa	60
caaccacccg	ccgtcgacaa	ccaccaccac	ccctccctt	cattcttttc	agtctccttc	120
gtcccagcag	ccaatatgtc	ggagacgaag	cagtttgga	agggccagag	gaccgtgccg	180
gctcagaagg	cccagaaatg	gtaccccggt	gatgacgagt	cgcagcctaa	gaaagtcgcg	240
aaggctgttc	gtcccaccaa	gctccgggaa	agcctccagc	ccggtactat	cttgatcctc	300
ctcgccggtc	gcttcctgtg	caagecgtgt	gtcctcctca	agcaccttga	ccagggtgtc	360
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aaggctctca	ctcccgacta	cttcaccaag	gagaagaagg	ccgagaagaa	gaccgaggag	540
gctttcttca	agcagggaga	gaagcccgag	aagaagaagg	ttgccagcgc	tcgcgccagc	600
gaccagaagg	ccattgacca	gtccatcctg	gcacccgtca	agaaggagaa	cttccttggc	660
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taaacgtgcg	acgcggcggc	cgcggttcg	gtagttattg	tggaggaatt	catgtgaggg	780
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tcggaaaacc	ggttgttatt	tctgtttcac	gatcagtgcc	tcctgcgtcg	ccaatttgca	960
ggacctataa	atgagccgaa	atgaaaagaa	aaaaaacag	aataatacct	tttcagctg	1020
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<210> 4763

<211> 576

<212> DNA

<213> *Aspergillus oryzae*

<400> 4763

ccgccgtcca	attcggaaga	ggcgatcaat	ttcccttctc	ctccacgtca	aactttccaa	60
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tcattgcaggc	cttcgcgcgt	agcactgcct	ctgcccttag	gaatgctgcc	gctgtgcagc	180
aacggggata	tgccaatgcc	ccggcctacg	ctgagaccat	taacaacctt	cgcataaatg	240
cggataccaa	ggttattttc	cagggcttca	ctggcaagca	gggaactttc	cacgctgagc	300
aagccattgc	ctacggcacc	aaggctcgtt	gtggtaccaa	ccccagaagg	gccggctcga	360
cacaccttga	cagacccgtt	ttcgcaaatg	tcgcgcagcg	cgtgaaggag	accggagcta	420
ctgcttctgc	tactcttcgt	ccccctcccc	tcgctgctaa	gggtattgaa	gaagcaattg	480
aagccgaagt	tcctttgggt	ggttgatatc	ctgaaagaaa	ttctcaacat	gatatgggtc	540
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<210> 4764

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4764

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gtctatttct	ttctcatatt	ctacccatct	catctgttat	tgcatattgg	tgggggctga	180
aatggttacc	ctatacatct	ctacttaatt	aattgcaaat	ctatgtcccg	tgactagtgc	240
ttagccctag	ataaaatatg	catctaata	agaacaagac	atcaatcctt	ggtccgtcga	300



<213> Aspergillus oryzae

<400> 4767

gtgaagctgc	cggtagctga	gcggcgaaac	gagcactccc	gggccttgaa	gtacggcggc	60
ccaaggatta	cattgttccc	agtggcaatg	agcacgaata	ccaaaagcgt	ggcgtattgt	120
tgaacgaggt	tccggactcg	cccaataaga	tttgtgtgtc	gaatatccct	cattacatac	180
cggaggagcc	tgtcactgat	gcttcttaag	tccttcggcg	agttgaagtc	ttttgttctg	240
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aacgctacga	gcattgccgt	ggaaggactc	aatggcatgg	aattgggtga	caggcatctc	360
aagggtgtgc	gtgctagtat	tggataaacg	caggctgccg	gactcgacat	gggtgtcaat	420
gcgatgtcga	tgttcgccaa	gaccacttgt	caagatgtgg	agaccagccg	tgtactgcaa	480
tcgttgaata	tggtagacac	cgaggagctc	atggataacg	atgattacga	cgaaatctgc	540
gatgatgtgc	gcaaggagtg	tgccaagtat	ggtcaagtat	ttgaattgaa	gatctcacgt	600
ccttgctgtg	gcagcagaca	gtctcctgat	gtctgcaaga	tcttcgtgaa	gattgactcg	660
ggggaatcaa	tcaccaatgc	gctagaggcg	ctggctgata	cgatgtactg	tgaccggacc	720
gtaatgacga	cctact					736

<210> 4768

<211> 260

<212> DNA

<213> Aspergillus oryzae

<400> 4768

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gatgacaact	gggtccaagt	tgctatgggt	cggtgggtgg	ccggtttggg	tgctcgcgct	120
ctgtccaaca	tcgttccctat	gtaccagagt	gaatctgctc	ctcgtcaagt	ccgtggtggc	180
atggtaacg	ccttccagct	gttcggtgcc	ttcggtatgt	tcattctctta	tctcgtcaac	240
ttcgggaccg	aatccatcat					260

<210> 4769

<211> 1523

<212> DNA

<213> Aspergillus oryzae

<400> 4769

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cgactgggtc	tacagcgggt	tccccaaggt	tgaggatggc	aacctgatcc	tcaccatgcc	120
caagaacagc	gtgggcactt	tgcttcgcaa	caaccactac	gtctgggtatg	gcaagatcaa	180
gggtaaggta	aagagtagcc	gtggcaaagg	tgctcgtgtct	gcttttatcc	tgctctcgga	240
cgtaaggac	gaaattgatt	ttgagtttgt	cggctacgac	ttggataacg	ttcaaaccac	300
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gacgcttttg	cttagacaac	aatggcgga	aggccccgc	gggcagcagc	actttcgacg	420
actggcatga	gtatgaaatt	gactggaagc	ccgatgccat	cacctgggtca	gtcgacggaa	480
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ctgaagggaac	cattgagtggt	gccgggtggtg	agatcgactg	ggacagcgag	gacatcaagg	660
acaagggtta	ctactatgcc	tcattcggag	agatcaccgt	tgaatgctat	gacctccgt	720
caaactcggg	agatggcaag	aaatcgtaca	tccttactaa	caaggacggc	cttgagggtt	780
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gcagcagtag	cggtagcagt	agcagcggca	gcagtgattc	tggtatcagc	cagggaagca	1020
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ctattctatt	ctgattggat	gtcttttgat	cttttaataga	ccgcgcgtgg	caatgccgca	1380
aacggcgcat	tgcatgccgt	ttgatactca	ttctaatacc	cttggttgcg	ttttgatgct	1440
agtatatgta	ttattaattg	attggctcgg	tgctcgatgag	tatcggtatca	atgaataaaa	1500

aaaaaaataa aaaaaaaaaat cct

1523

<210> 4770

<211> 955

<212> DNA

<213> *Aspergillus oryzae*

<400> 4770

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ctcatgcgta	tggtaacgtt	gagctgaaac	tacatgaactg	ggacgtcgac	tttgcagcct	120
ggtgcacgta	taaatacggg	aatgccgggc	caggggcgat	gggaggtctt	ttcgttcattg	180
agaggcacgg	tcgagttgat	tatagcgaag	gagaagacgc	tccaaagttt	aggcatcgtc	240
tgaccgggtg	gtacgggtgt	gatagaagcg	tgagggttcaa	gatggacaat	aatttcaagc	300
caatcccccg	agcaggcggt	tggcaacttt	cgaatccttc	ggctatcgat	cttgcattgtc	360
tctgcgcctc	gttgtccgtt	ttcgacgaga	catctatggc	tgaactgcgc	aaaaagtccg	420
ttatgctaac	ggcatacttg	gagcatctct	tgctgaaaga	taccactgac	gaaacacgtc	480
ctttccgcat	tgtcacgcca	gcagatccc	aggcaagagg	ggctcaactc	agtgtactac	540
tgaaacctgg	cttggttcag	aacgtctccc	agaaattgca	agaaggggtg	atagtttgcg	600
acaagagaga	gccgggtgtc	gtccgcgttg	cccctactcc	actgtacaac	actttcaccg	660
acgtatggaa	gttcgtgagt	tatttcaagg	ctgcactgga	cgaaccagaa	ctgaagaatt	720
gaattgtgcc	ttgatataac	cacaaaatca	gtgacagtgt	ggtgaagggtc	acgtaccca	780
cagcaaaggc	tagtccgaaa	tgccgcgccag	agtttgctga	gatatgacga	gcacggagca	840
cgatgtgggtg	atatcaacat	caacctccgc	cagtggtatt	tggctctctg	gccgccttct	900
gcttgccctgt	tcccaagtca	aactgtatat	aagagaggca	ataggctata	taacc	955

<210> 4771

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 4771

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cgatggattt	ttcgagattg	aggaaactgc	ccctaagatc	gctgttgtcg	gcgccggata	180
cattgctgtc	gagctggcgg	gtgtcatggg	agccgttggc	gttgacaccc	acatgttcatt	240
ccgtggccag	accttccttc	gcaagttcga	cccgatgatc	cagaagacca	tgactgagcg	300
gtacgagggt	gcggggcatca	ccgtccataa	gggccacccg	ggccttaagg	aagtgcact	360
cgtgcgggac	ggaaagggca	aggacaagct	tctcaaagctg	atctcaaacg	atgggtcgga	420
gatgggggtc	aacgagattc	tatgggctat	cggccgtgcg	cccgaagttg	agggacctgg	480
cactcgacgt	cccaggcgctc	aagttgaacg	acgccgggtt	tgctcgacgtc	gatgagtaac	540
agaactcgag	tgctgaaggg	aattatgctc	tgggtgacgt	gactggaaac	gctgaactga	600
tcccgggtggc	atttccgggtg	gccgccaaact	tggaaaccgggt	ctgttcgggc	caccggagct	660
gaag						664

<210> 4772

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<400> 4772

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caacccttac	cgactcattc	acgtcggcca	cgtttgagac	gtttctaagc	cagtgaata	180
ttctccgtct	tccatcatgt	ttggtatcat	cgccgattta	ttgtcctcga	tcatcacgat	240
gctcttccgt	atattcgctg	ctttcaaagc	cctccgctcg	gcgaaccctc	ctcagctcgc	300

[illegible]

<211> 701

<212> DNA

<213> Aspergillus oryzae

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cttgccctcc	attggcttga	cagagtaaaa	gagcttcaca	gtatcattca	taatggccag	120
tggtttgctg	atcttagtac	ccgttaagcg	ggtgatcgac	tacgcgatca	aaccccgat	180
caacaaggcc	cagaccggcg	tcgaaacctc	cggcgtaaag	cactcgctca	accattcga	240
cgaactctcg	atcgaaggag	ccgctcgtct	ccgtgagcgc	aagggctccc	tcaaagtcga	300
gaacattctc	gctctctcgg	cgggcgagac	caaatcgctc	tacacctcc	gcacggcgat	360
ggccatgggc	gccgaccgcg	cgttccacgt	cgacgtcccc	gactccaacg	atgggggcct	420
ggagcctctt	accgtcgcga	agatgctgaa	ggaggttgtc	aacaaggaga	acatcaacct	480
ggtggctgct	cggaagcagg	ctatcgatgg	tgaccagggg	cagacgggtc	aaatgctcgc	540
gggcactggt	ggctggcctc	atgcagcgca	ggctagcaag	gtggatatca	aggatgaaca	600
gggaaccttg	gaagtatacc	aggaagttga	ggcggcgctt	ggactctctc	ggcccaagtg	660
gcctcatcat	tactaccgac	ttcgcacttc	acqaaaccca	g		701

<211> 531

<212> DNA

<213> *Aspergillus oryzae*

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cttcaatatc	accagcgggc	gtatttggtc	tatagatcat	aatatttgac	ctttcaccat	120
tggcatcgta	cggatctctc	gctcgggttc	ccgatgtcaa	acgcctgcgc	gtattcggcg	180
actctgctgt	ggttggcttc	agcggcgatg	tgtcagacat	gcaatacatc	gatcgccttc	240
tggaatctct	tgacatccgg	gaaaattatt	cgacacacgg	caatatgatg	aacgcaaaaa	300
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acctctctcg	tactacatat	tcagctccac	atctcgcgac	tgggtttggg	gcgcaccttg	480
ctatccccat	cctgcgtcgg	ctattccctg	aaqagaagcc	cccttaqgaa	a	531

<211> 706

<212> DNA

<213> Aspergillus oryzae

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gggattacgg	gagctgatgg	gttgcgacga	ccgtgtgatg	tacctgatct	ccgagatcgc	180
gtgcctcgat	gcgctgaaga	aggaaggccg	agttgatgca	atggcggttt	gctcccacgt	240
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ctataccccg	accggagtcc	ttcgcccttg	cattttgacc	aaaaccatga	cggcaggctt	360
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aaccaacaca	ccaatttagt	acttttttgg	ctgacggggg	gggttaacctg	gggaaacctt	600
gccccaacctt	tgaagctttg	ggcgtattgt	accgggtatt	ggaqgaaatg	ggggaaaatt	660

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706

<210> 4776

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 4776

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accgtctgac	cgagtcttgc	accaagaagt	gcattcccaa	cgactaccgt	gaaggcgacc	180
tgaacaaggg	cgagtctgtc	tgcctcgacc	gctgcgtctc	caagttcttc	gaagtcaaca	240
tcaagggtcag	cgagaagatg	cagggcggaag	ccgccaacaa	gcagggcggt	ggtagggat	300
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taattttatgt	tcttttttacg	ctcgagtttg	cctttatgtt	gctcgtgtca	ggcgcggatc	420
ttgccttggg	ttcagagatc	atcttttgcc	gggaagcggt	gcatttgggt	tttagttctc	480
aagattgtcg	attccggggc	actctatgcc	ggctggttat	gatcgcagtc	tgctagatgg	540
gtgctggggg	ggtgaaaatg	tttgggtctt	ggcatgggtt	ctgcgcagtg	ccatggtaat	600
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<210> 4777

<211> 652

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(652)

<223> n = A,T,C or G

<400> 4777

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cagacggaaa	atcagttctt	cgatctagca	tcgagagata	tgttgtgtcg	gaagcgctct	180
ctgcgcttgg	tgtgccaact	accagagcct	tgtaatttac	tctattgccc	gagtcgaagg	240
ttttacgcga	gcgtgttgaa	cctggagcta	tagtggcccg	gtttgccgaa	tcctggctga	300
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ctacatatgt	tgcgaagat	gtgtttcacg	gctgggaagc	tctaccggct	gcggtatctt	420
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tggttcanaa	acacgaagga	gtcgaagaaa	atcggtttgc	aaggctgtat	agagaggtgg	540
cacgacgaaa	tgcgaagact	gtggctgcat	ggcaagctta	tggcttcatg	aatggcgtct	600
tgaacaacga	caacacatca	atctatgggt	tgtcgttgta	ttacggccca	tt	652

<210> 4778

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 4778

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ggaaactgtc	tcttccaaac	tcagccgtgt	ggtacaactc	actggtttct	cggatcccgt	180
ctatgccgag	gcctacgtca	cgggccacca	gttcgatatt	gttctggatg	ttcttctggt	240
caaccaaact	ctggaaacct	tgcaaaatct	gtccgtcgag	ttcgcgacac	ttggagacct	300
gaaggttgtc	gaacgggcag	caaccacaaa	ccttggaacc	cgcgattctt	gaatgtgcaa	360

gctacagtca	aagtatcgtc	cacggacacc	gggggaatct	ttggtaatat	tcggtatgat	420
ggcgccagct	caaccgagtc	cacgttggct	tttcaacaaa	ttcatgccgc	cttttggagt	480
tatttcagcc	cgttcctggc	cccaaaacca	gttccggccc	ttgggacgag	ttccagtggg	540
aaaacaggga	actataactc	ccggggaaaa	acctcccga	tttctttagc	aatttttggc	600
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<210> 4779

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4779

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tctttctcgg	aatcgcatga	ccggccgctc	gaagcattac	gctttcattg	agttcacctc	180
cacctctgtg	gcgaagattg	tcgctgggac	catggataac	tatctgatgt	atggtcatat	240
cctgaagtgc	aaatacgtgc	cccaggaaca	attgcatcca	gagctctgga	agggcgccaa	300
tagacggttt	aagcggaccc	cctggaaccg	aattgagaag	aagcgactcg	acaaggccaa	360
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tgagaaactc	aaggctctgg	gctacgagct	cgaattacct	cagttgaaga	gtgtcgacga	480
ggtccctatt	caacaggaag	agaataagac	gattgaggcg	tcggagacag	tattcgacga	540
acctgtcaag	gctattgaag	cgccaaagga	ggagaataag	gttgctgatg	atacccccaa	600
gaanagctag	atggacgaga	agaacggctg	tcacatcacc	gaccaggaga	caccanagga	660
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<210> 4780

<211> 764

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 4780

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aacaggttgt	aagaccacaa	gcatagcatc	gcggactact	acacttggat	atatactctc	180
agcatattca	acaacacttc	ctcaaaatga	ccatctcaac	agaaacaagt	agagtttcaa	240
acacgtcgat	acataccgaa	accaaagact	cgacccccgc	acaccttgac	cggtctacat	300
ttccacgcac	cgtcacccta	cccagcgaga	aaatccatat	cgaattgaca	tacgatcccc	360
tcagtgcaga	tacagcatta	tcctacacca	attccccgcg	agccggtgca	aatgtgttct	420
tcttagggac	aactcgaaac	acatttgacg	gtcgcccagt	cgctcaactc	agctatacat	480
cctatccacc	attggcatta	aggactctga	cgcagattgc	acgacagagc	aaagaaaaac	540
acggacttat	cgcagtgagc	atttcacatc	gactgggtac	ggtggctgtc	ggagaggcat	600
cgatcttaat	tgtgtgcagc	tcggggcata	ggcgtgcggc	ttggagaagc	cgcgaggaga	660
ttctggacga	gtgcanggca	naagcggaga	tctgggaacc	ggaagagttt	aatggttagca	720
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<210> 4781

<211> 1823

<212> DNA

<213> *Aspergillus oryzae*



<220>  
 <221> misc\_feature  
 <222> (1)...(1823)  
 <223> n = A,T,C or G

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 caacagtctt gcggtgcaaa agcatctccg ctcccgtctt gcattgatcg cattcgagaa 180  
 gagacagcga caagatcact ttttccgtca aaacctctcc tctgtagccc agagagcgga 240  
 cgccatcggt gcagctattc gccaggagga aattgacgat tactggagag tccctggaac 300  
 cccggagaag aatgataccg acgagagggt cgccggtgag gtcttcccga aagcccggcc 360  
 attgatcaat ggaaccaagc tctgggacgt ggtcaagcac atgccaaagg gtgctctttt 420  
 gcatgcgcat ttgcctgccca tgctttccta tgacaccatt ctagagacca ttcttcacac 480  
 ggagggatag gtggtctctg cctcccagga tgtgtccacc ccggagaatc gcaggaatgc 540  
 ttccggtttcg tttgcccatg tcaaccatac cattgcgacc aatgtatcgt caattcattc 600  
 taaggattat gtccctaaca cgcaaatccc cgtgactgtg gctgccaaaca cattcccggg 660  
 tgggtcaagag ggattcatcg acttcgtcaa aaccaagggt accatctctc ctgagctgtc 720  
 tatacgtcac gaattgggag tcgatgagat ctggcggtgc ttccagacag ccttcggccc 780  
 cgcaggcacc atgctcacgt acgagcccat tgtgcggacg ttctacaaga aactcttttc 840  
 gcgcctggct gaggatcaca tcaactgggt ggaaatccgt tctggaagcg gccagctggt 900  
 ccaggagggt caggaagacc ttgatccgga tctggacatt tgggtggaacg tcctactgga 960  
 ggagctgaag aagttccagg agtctcccga gggggcagac ttctggggag cgcgagtcac 1020  
 ctggtctgac aacagaggga agaaccgtac tgcgctgacc aagagcatgg gaaatgctct 1080  
 tgaacggaag cgcagacacc cacagctctt ttcaggctac gatgtggtcg ctcaggaaga 1140  
 cctgngccgt ccgcttgccg atatggcacc cgaattgatc tggttccagc aacaggccga 1200  
 ggagtcgaac ctacagattc ctttcttctt ccacgcgggc gaaactctcg gcgatggaaa 1260  
 ctcgaccgac gaaaacttgt tcgatgccgt cctcttcggt acacgccgta tcggacacgg 1320  
 tttctccctg tacaagcacc cgaggctgat tgatgagggt atcgagaatg gtatcatggt 1380  
 ggaagtctgc cctatctcta acgaagtcct gcgtctggcc accgatatcc ttcaccatcc 1440  
 cctcccggca atgattgccc atggtatccc gaccgccatc agcaacgacg acccggcgat 1500  
 ccttgcccaa aacacagctg gtttgagcta cgacttctat cagacaatcc aagctttcga 1560  
 taacattggt cctgctggcc tgggagcgct cgcgcacaac agcatccgct ggagcaactt 1620  
 cgaagatcag aacgatgttg aatgggttcg tgatatcgac tttggagaga atggcgacgg 1680  
 cattaaggcc cancgtttgc agcantggaa cgagaagtgg gaggccttct gtgagtgggt 1740  
 tgtgaaggga gtatggagac ccgtaccccc cgggagcact ctgatgcctc ccatagcatg 1800  
 attggggcca gtgaatgctg ggc 1823

<210> 4782  
 <211> 506  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 4782  
 gccatctgca agaagaagaa cattgagtct tgccatgtgg gcgcccagcg ctctgtcttt 60  
 acgaaatata cccacttcaa ggcccgtgga gcacaggctc tgcgcgagat cttggactgg 120  
 gcacctaacg agaaggacaa ggtggtcatc atggtctgtg aagacggttc tgggtgttga 180  
 gcggtcttta ttgctgcatt gacattgaag cgggtcaagg caggcatcag ctgcggtatc 240  
 cgagatatgg ccgatatgca gagtctcatt taatatgtgg gcattgtcga ctttatctga 300  
 ctccgagtggt taaacattgg agatgcatct tcatctcctt tcttatttct ttttttctct 360  
 ctgaggggat gtcaatatca acacaaggca catggctcgg tttacaacat agaccgatgg 420  
 ggtttttata cgggacaggc gagtaataaa aaagaaaggc gaaagatagc taatttatta 480  
 tacacattaa catatgggaa aaaaac 506

<210> 4783  
 <211> 736  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 4783

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1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

<223> n = A,T,C or G

<400> 4786

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ggaaagtctt	tgtatgaact	gccatgagaa	cggaacgaca	aggtccctcc	tcctccgagt	180
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caactccgtc	aaatccgctg	gtcagatcca	agagaagggc	gcaaagtaca	cacttactgt	300
ccagggcgaa	aatgacctcc	agcgccaggt	tggtcgaagc	gacacttcaa	tcttcaaggt	360
tgaatctctg	ggaatcgaga	tgcccaaggg	cgagagtcag	tttacgactg	tcgaaggagt	420
gattcagaaa	atctacgagt	cgctgtctag	cgagcaacct	ctgcgtaagg	ctcaggcacc	480
tgaacttcac	gatgcgcttg	tgcttatcat	cgagaacctc	cagaagatcc	tgaaccgaga	540
cggattcccc	ttcaccgtct	ctctcgatga	cccactgga	nactcatgga	tcgcgcctac	600
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<210> 4787

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 4787

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ttgatcagaa	actctcgacc	gtcaattgct	ctctcattct	tccttcaagc	tccccggatc	180
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gagtcaacct	ctcctccaga	ctgccccagg	caagcgcatc	gccctgccca	ccagagtcga	300
acccaagggtc	ttcttcgcc	acgagcggac	cttcctctca	tggtcaact	tcacggtcat	360
cctgggcggc	ctggccgtcg	gtctcctgaa	cttcggtgac	cgcatcggcc	gtatctccgc	420
cggctctctc	acctcatctg	ccatggcggc	catgatctac	gccctctgca	ccttccactg	480
gcgcgcagca	agcatccgca	aacgcggcca	gagcggcatc	gacgaccgtt	tcgggtcccca	540
ccgtcctggc	cctgcgcttg	ttggcgcccg	tcggtcgtaa	ctttatcctc	aggatcacgg	600
agaactaaat	ccatctnctg	tggtctcttg	agtagtatct	ttttcgagct	tgttttctca	660
aacccccctt	gtttgtgggg	cacgtgcc				688

<210> 4788

<211> 708

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 4788

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cctggaccgt	ataccccacc	atgggcgaat	ctagacaaga	gcttctggca	tggtcaca	180
acctgttgca	gctaaacctt	acgaagggtg	agcagtgcgg	aacgggtgcg	gctctctgtc	240
aagtcttcga	ctcgatcttt	atggatgtcc	ccatgtcccg	tgtgaaattc	aacgtcaatg	300
ccgagtatgg	ctaccttcaa	aatttcaagg	tccttcaaaa	cgtgtttgct	cgccaccagg	360
tagacaagcc	aattcccgtg	caacaactta	ccaaatgccg	catgcaggac	aaccttgaat	420
tcctgcagtg	gacgaagaaa	tattgggacc	agcacttccc	tggtggtgac	tacgatgctg	480
ttgctcgctg	gaaggcttcg	ggtgctcctc	ctgctgctgc	tggttctcgc	gcaggcgag	540
cctcagctgg	agccacacgg	cggggagcta	cgctaccgg	tgccgtaact	cgtccacgag	600

tcgcggcagc	aagcgggcct	aacgtgtctg	cattgcagca	agagatngcg	actcagaagg	660
aagctattgg	cggttgagg	aacggagcgg	atttctat	tgcttagc		708

<210> 4789  
 <211> 644  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

<400> 4789						
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ccatctctac	agcaatcgca	agattcaaga	ctccagcaca	acagcccgtg	ttctcgagac	180
atacgtcacc	ccgctttctc	gatccccgcg	ccagagcaat	gtccgctacc	accgctcgtg	240
cggacccttt	tcgcccggcg	aaacgggtcg	ctgggtcaaag	acaggatgtc	tggtcaattg	300
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aatgtaacca	gtactcccca	accaagggtc	gtcctcgcct	taagcaagct	attgccgatg	480
cgtattctcc	gtccggttggc	cgaaagctca	acccggatac	tgagggttaca	atcaccacag	540
gtgcaaataa	nagaatgcta	aatgctttta	tgggttttat	tgagcctggc	gatganggta	600
atatctntga	acctttcttt	gatcaatata	tcaacaactt	tgaa		644

<210> 4790  
 <211> 630  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 4790						
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aaagggacaa	aaaatccttg	acgctcaccc	cagtaccccg	aaggagaaac	tttcgtatgt	180
tattgtcaaa	gatgtcgcag	aagaaggcgc	attcgacgaa	gctgtcaaata	ctaaccacc	240
cttcgactac	gtcctccata	ctgcctctcc	tttccattat	aacgtttcag	acccagtaaa	300
ggacttctctg	gacccggcaa	tcaaaggaac	aacagggtatc	ttgaaggcaa	tcaaagccta	360
cgctccgaca	gtgaaacgtg	tcgtgggtcac	atcctccttt	gctgcaattg	tcaatgttaa	420
agaacaccct	aaggtctaca	gtgaggaaaa	ctggaacccc	gtgacttggtg	aggaagcaat	480
ggatccttcc	caaacctaca	gggcaagcaa	gacatttgca	gagaaggccg	cctgggattt	540
tggttgagaaa	ggaaagccaa	actttgacat	tcgcacgata	aaatctnctc	ttgttttggg	600
cctggtgtgct	ctattaaatt	ccctaattgcc				630

<210> 4791  
 <211> 754  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4791						
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tcctataggg	cttgctaagg	catcgaattg	gacaaaatgg	cggctgctca	gattatctcc	180
aattccggac	acgatgacat	gattcacgac	gctggcctgg	actactatgg	ccgcagatta	240
gcgacttgct	cgtcggataa	gacaataaag	atattcgaga	tcgaagggtga	gacgcacgcg	300

ctagtggaaa	ctcttaaagg	acacgaaggc	gcagtttggg	gtatcgcatg	ggcgaccct	360
aaatttggtg	caattctggc	ctcttcatcc	tatgatggaa	aggtcctcat	ctggcgcgaa	420
caacaccaga	acacaacatc	ccctgtcgct	gttaacactt	ggacaaaggt	ctttgatttc	480
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gcatctcccg	gtagcctgat	cagtgcacaac	cctggaccgg	gtcaacagcg	aagggtcgtc	720
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<210> 4792

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 4792

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cccaccatcc	ctctctgaat	ttattgggca	tcaccacagt	ccacggcaat	gcctctctgg	180
agaacacaac	caacaatgct	acaaggatat	tggaggccat	agggcgacca	gaaattcctg	240
tatatccagg	tcataaaaag	cctttctgta	ggcctgcaat	tcatgcgccg	aatattcacg	300
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acaagaaccc	aattctggca	atgcgagatg	ccctcctagc	acagccaaaa	gggacacctt	420
gggttatagc	aaccgggacc	ttaaccaacg	tagctntgct	ctttgcgacg	ttccctgaag	480
tagcagagca	cattcaaggt	ctaagtatta	tgggtggcgg	agttggtgga	ggcttcacag	540
atgcgcctat	gagtcgactt	gttgggtgaag	agtcaaggat	tgggaatatc	accctctggt	600
cagaatttaa	catctactgc	gatccanaag	catcacagtc	aaac		644

<210> 4793

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 4793

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caagtgtgtg	cctgagtcac	ggcgcaagcc	taagggtatc	gactcccgcg	tccgtagacg	180
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cgtcgagatc	atcgccaagg	ccaaggctct	cgggtgtcaag	gttaccaacc	ccaagggccg	420
tgtcaccact	gaggcttaaa	tgcttttagcc	taattaaatc	aacaattaaa	atcattatac	480
caaagcattt	tcaattggag	atggggatct	ctggcaaaaag	ctgcaagggtg	tcgcttcggt	540
ttcttgtatg	gtcgtgaatt	gaaatgaatc	acttcgtggc	gataacgaat	ttctctttat	600
gtgcatgatt	gggtggctgg	taccagcact	gggatataaa	atagaaatgg	gggcttttct	660
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<210> 4794

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(638)

<223> n = A,T,C or G



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675

<210> 4797

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 4797

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gccccggaga	accctccttt	cgggtgcatg	tccgctcgct	ctgcttcccc	catccacctc	180
ctccccatga	ccgcctccgg	tcagaagttc	taccttgagg	gcaagaccca	gtcctactgc	240
cccctccctg	agtcaaagga	ctgcccctccc	ggcaccgaga	ccgtttttctc	ccctgggtggc	300
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ttcatggctt	gccctactga	ggacaaccgc	tggcaggtgt	ttgccgctgt	ccagaacgct	540
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gccaaaggag	gctgctgctt	ggcagtacat	ttaaactctgc	agttgattat	gggatcctga	660
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<210> 4798

<211> 318

<212> DNA

<213> *Aspergillus oryzae*

<400> 4798

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atggcacaaa	ccccgccagt	gccgccatgg	ctggcatgaa	ggttgttacc	attaagtgtg	180
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atgagctggc	cgctgttatg	atcacctatc	ctagcacttt	tgggtgtgtac	gagcctgggtg	300
tcaaggaggc	ctgcgaga					318

<210> 4799

<211> 418

<212> DNA

<213> *Aspergillus oryzae*

<400> 4799

ccttcttttg	ggcagtcata	ttgatacata	ctacttccct	aataactaaaa	gtcctcccca	60
ctctctcata	atggctgacc	aggcagtcgc	ccgcttggcc	ggcatcaatg	tcggcgacc	120
ggcgcgccct	cttccctagt	ctgacttcgg	tttgatcggt	ttggccgtca	tgggccagaa	180
cctgatcatg	aacgtcgccg	atcacggttt	cactgtttgc	gcttacaacc	gcacaacctc	240
caaggttgac	cgcttccttg	aaaatgaggc	caagggaag	tccattgtcg	gtgctcactc	300
cattgaggag	ttctgcgcta	agctgaagcg	tccccgccgt	atcatgctcc	tggttatggc	360
tggaaagccc	gtcgaccagt	tcattgagtc	tctcctgccc	caccttgaga	agggcgat	418

<210> 4800

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 4800

cggttctcaa	cggcattttg	tcaagatgcc	tttccacaag	caagtcaaga	acagcgctta	60
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<211> 920  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(920)  
 <223> n = A,T,C or G

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<400> 4803
cgaggcgagc gagttcctat ttggcaagac cgtcgactcc ctcacccatc ccgagaatgt      60
gaaggtggcc aaggccatgg tcgacacaat gcgaggcatc cgcgtgctgc tgaccatgtc      120
aaagctgatg ttcctccacc gtgaccagct gtggatggaa aatgtgaaga tcgtccggga      180
tttcgtggac gagcgcatcg atgccagtct gacgcagctg caggacgtta agagcggcaa      240
gggcacctca tgcacggaga atcagcctga cggtcgtacc gacctgctat gggacatggg      300
acagcagctg caagataaagg aagctttgcg gggccaaatt atggccgtct tcatccctc      360
caacgacacg acatcgattc tcatcagcaa cgctatttac gccctggcaa gacatcccca      420
tgtgtatcaa acaactgcggg aggaggtgct cgccctggga gaccaggaga ttacgtttga      480
gaaactgcgt ggactgcgct acctgcgata tgtcatcaac gagacccatc gtttgtacct      540
gaacggcatc cagatggtac ggattgctct ggaagacact acgctgccgg tcggaggagg      600
cccagatcaa agccaaccca tcttcatcca naaaggagac atcgtccatg ccaaccggta      660
cctcatgcac cgggacccag acaactgggg ccctgatgcc gaggtcttcc gcccgaggcg      720
ttggggagat gtccggcctc tgtggaagtt cgtcnccttt ggaggaggcc gcgcactctgc      780
cctgcgcatg tgctcgctga tacggaggca tcatacgtgc tcctgcgctt tgtgcagcgg      840
tttcgcactc tggaggcccg agatgagcgg ccatacaagg ccacatgcgc gnatgggccc      900
agcaatttgc atggggtgaa                                     920
```

<210> 4804  
 <211> 643  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

```
<400> 4804
gcaatcctct agtgcgcgct cgcgggacaa gaacggtcag tattgttttg ggagccattc      60
ttaccatggc caccatcgca tacacgacaa cacgtgcagc cactcagggc cttgcgttag      120
ggccaagggg gggccataac tattcgccgc tggggacgga tgacaacgaa catgggtcttg      180
tgaccaacaa gccgaccagt cgtcgcgaga tgcgtgccga agttcttcgt gccgacgtgg      240
ctagtggcag tatacccgcc agtgcgctcg acgacgacag cgacgacgaa tctgatgact      300
ataacaccaa ggacgatgaa cgaggttcga cacagtataa ctactccttg tttcacgtga      360
tcttcttctt ggctacgaca tgggtggcca cgcttctcac ccagggcttg gagaccgaag      420
tcgagaatac agatgacttt gccgctgtgg ggcggaactta ctgggcccagc tgggtgaaga      480
taatcaacgc ttgtgtttga tacgcgattt acctgtggac gctgatcgcc ccggtgggta      540
tgctgatcgc ttteggcgctg tactgagaat gtcgggcaca gtcacctaga attgtattga      600
ctatacagcg gagttgggcg ttcacgagca ttgagaagta ttn                                     643
```

<210> 4805  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

```

<400> 4805
ggggacatta actcgatcag tgtgaatcaa ctgaagtacc tgagcgcttg catgaacgag      60
gcactacgga tcttcccccc cgggtcccgc gtctttccgc gccgggtccc tcagggtggt      120
gatttcattg atggggcattg gatccctggg ggtactcaaag tgggcattgc gcactactgc      180
atcaatcgca gccgccgaaa ctttgtcgat ccggacaaat tcatccctga acgatggctc      240
ggggatccca cgtaccagac cgacgatcgc cacgctgtgc agcccttcag ctacgggtcct      300
cgaaattgca tcgctcataa cctcgcccgg ttggagatgc gtctgggtcct ggctcggctg      360
atctgggagt ttgattgnga gctagcccct ggatcagagc ggtgggaaga agaggcgctg      420
gtcttcaatg tctggagtac aaagccattg atgatcaaat ttactccagt cgcacgctga      480
agtcagagag agtggataat gctaaagaca gtgttactct ttgattagggt agtcttttag      540
tgctagtaac atcgtatcgt gtgcgctgtg annaaaaaaa aaanaatnta aaaaaaaaaat      600
tttctggggg gctccaaaaa tgtttctaaa ggccccatcc gtgaattagt ttttcccccc      660
t                                                                                   661

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```

<210> 4806
<211> 737
<212> DNA
<213> Aspergillus oryzae

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```

<220>
<221> misc_feature
<222> (1)...(737)
<223> n = A,T,C or G

```

```

<400> 4806
cacgcaaaac gaattcccac tcaccaaaca cccccccagt ttcaaaaatg cgttactcaa      60
tcttctccac cctcctcgtc tctctcgca ccctctccac cgccgccgaa ctcggcacgc      120
aaaagaccca cgaggtagaa tgcacccgca agaccgtcaa gggcgacacc gtccagatgc      180
actacaaagg cacgctccag tccgatggct ccgagttcga ctctagctac aagcgcaact      240
cgccgttgaa gttcaagggtg ggctcgggta tgggtattaa gggatgggat gaggggtctt      300
tggtatgtg cattgggtgag aagcgcactt tgaccattcc ccctgagtat ggggatgggt      360
ctcgtggggg tggaccgatc cctgggtggtg cgactctgat ttttgagacg gaggttgggtg      420
gtattgatgg tgtttcgaag gatgagttgt aaatttggtt ctgggttttag atttctttaa      480
tttaattctt gatatcgggt tctccttttc nnannanann nnnnnnnnnn nnnnnnnnnn      540
nnnnnnnnnn nnnngaannn nnnnnnnnnn nnnnnnnnng gaannnnnnn nnnnnnnnnn      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnaa aaaattcctg gggccctttc aacttttttt      660
taaagggccc catttggtta ttagtttttg cccgcttatt ttccgccctt tccccaattt      720
cgttttaccg aaaagggtg                                                                 737

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```

<210> 4807
<211> 692
<212> DNA
<213> Aspergillus oryzae

```

```

<220>
<221> misc_feature
<222> (1)...(692)
<223> n = A,T,C or G

```

```

<400> 4807
ctcgtcccat ccctgogaat ttctccactg tttcatttta cgcagtataa gacttcatat      60
attgcctgcg ctgacttgct tcccgtctgc attgcatata atatacaatc taccgcctag      120
actccctcca cccttctcaa tccctccaac aactaccccg cgccggtgat cgtcgtatg      180
gatctcgtaa accacctcga aggcagactc cttttcgccg tccctaaaaa gggtcggctc      240
caacaggcaa ccttggacct gcttgccggc gttgacatcc aattccgtcg cgagaccgcg      300
ctcgatatgg cccttgtgaa gaacctccct atcgccctca tcttctctcc cgccgcagac      360
atccccacct tcgtcggcga aggtcgcgtc gacctcggtg tcaactggtcg cgaccaggtc      420
gctgagcatg atgcacagct ggcgaatggc gagacctccg gtgtggaggga gatncatgga      480
cctggtttcn gaggtgcaa gctgcagggt caagttccgg agaagggtga catcaccgag      540
gcgatgcaat tggtcgcccc gaacgtggnt accagcttca cgggccctca ccgaggcctt      600

```



<210> 4811  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 4811  
 gcacacatca ctatttttcca tctcttggtta cgcacctggt tactttccaga acccttttccg 60  
 ttattcttttc tttctaacct tcctctccac gatacctcat atctaacctt gtccagccaa 120  
 cttccttccg ccttttctct ctagecgactt caagtcgcgg cattcggttt ccacacgtct 180  
 tccccgcttc cctgtggcgc gagagctctc tcctccggcc ctactgccga cacaatggct 240  
 gaaagctctt tctccagcgc tagccccag ctcaaggtgg gcacaaaaga tgataaaact 300  
 tcagcatttc gaaagatctc agaggatgag gagtgggagg tgacgtcacc aactgacctg 360  
 acctttcaaa ctgcaaatc ggcggcaggt ttgtcgtccg ctggaaacaa cctctttgga 420  
 ggcaacgtat ttaatgaaca acaaggcggg ggaatacgtt ttgcgaggag tccttttgcc 480  
 gacctttctg gggatggaga agaccatgac gactttgacg aacacctga aggacctcgc 540  
 ccgacaagt ccttgaatga gggattcccc aataactacg cattgggtcg tcngacatct 600  
 gtgtctgctg agtctttgaa cccacactcg gcccggtcaa atagctgggt gccccgcac 660  
 caaccaaaga cc 672

<210> 4812  
 <211> 676  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4812  
 catttatccc cgtttcgctc ttaaacacca tcataatggt caagagcgggt cttgcccgga 60  
 ctttcgggag ggctgttttt gcccggccta ccccggtcgc ccgtcgcgtt ctttccaaga 120  
 taaatgcctt cccttccctt gccagggttg ccagcactga ggccggcgct accggcaagg 180  
 ttaccagggt cattgggtgc gtcggtgacg gtatgtttcc ggctcccgac gaaaacctg 240  
 ttaccgggt acgcgaaaat cttttcctgg ccgcaattcc atcatcaaat catcaacaac 300  
 gactccatct gtggctcaaa acacgatatc tgactctcga ttacagtga gttcgagggt 360  
 gagaagctcc ctgccattct caacgccatt gagaccgaga acaatggcca gaagctcgtc 420  
 cttgaggttt ctcaacactt ggggtgagaac gtcgtccgta ctattgctat ggagggtacc 480  
 gaggggttga ctcggtggtg cgtgctcgc gacactggtg ctcccatcac catccctgtc 540  
 ggtcctggca cccttggcgc tatectcaac gtactggtg acccgtcga cgagcgtgggt 600  
 cccgtcaggc caccaagtag gccctatcc acgcgaagc ttccgagttt cgtgagcaat 660  
 ccactgaagg tgagaa 672

<210> 4813  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 4813  
 gctgctcagg acattccggc cgctaagagc gcccgcccc ggggctotta cctgcgcgtc 60  
 agcttcaaga acaccctga gaccgctcag gccatcaacg gcatgaagct ccagcgtgct 120  
 cttacttttc ttgacaacgt caccaacaag ctcgaggctg tcccatgcg gaggttcgct 180  
 ggcagcaccg gccgttgccg tcagggcaag cagttcgggt ttagcaaggc tcgctggccc 240  
 gagaagtcgg ccaagttcct catcgacctc ctgaagaacg ctgaggccaa cgccgacacc 300  
 aagggtcttg aactggcaa cctcgttgct aagcacatcc aggtcaacca ggcccccaag 360

ggccgcagac	gcacctaccg	tgctcacggt	cgtgtatggt	tccccatat	ttccggttga	420
tatcttttgc	tgactcgagg	cttagatcaa	ccccacatg	accaaccctt	gccacatcga	480
gcttatcctt	actgagggtg	aggagggtgt	ccagaagggt	cccgttgcca	aggaggctca	540
cctctcctcc	cgtcagcggt	gcctccaggt	ccgccgtgcc	atccaggcat	aagcggttca	600
tgggtgtcgg	ggatgaggta	gtcggaaaat	gaatgggaaa	gccggagttt	tctgttgtac	660
ggaacaaata	cctttttan					679

<210> 4814  
 <211> 695  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(695)  
 <223> n = A,T,C or G

<400> 4814						
ctttccctgc	agccggcccg	tttagtcgag	gcggttgatg	gcactcgttc	ctcgtctccg	60
aacgtgtacg	ctatcgtctt	ccgtgagggt	gttctcagct	tcaatttcgg	caacagtccc	120
catggcggtc	atgtccgaaa	tcggatcaag	gagcaccgga	gccatctagc	actgaccagt	180
gactggatct	cttacgccct	catcgatgac	atcgtcgacg	gcttcgcacc	ttttatcaat	240
cgcgccaag	ccggcggtta	actgatcgaa	gacgatgtat	ccataaccgg	accggacgat	300
atcgggtctag	cgctccaacg	catccaccgc	tatcgcaaag	aggtcttgca	aatccgcca	360
ctgatgaacg	acaagaccga	cgatcccg	tgcttcgac	gccactgcgg	ctcgtttggt	420
ccctcgacaa	tggatgtcac	tctgtatctc	ggcgacat	gtgaccacgt	gctttccatg	480
gtggccgatc	tgtacaatgc	ggagcagatg	ttgtcgcgag	cacaggagaa	atatctgaat	540
cagctggcgt	tcgattcgac	gcgtatgcga	aatgaaatng	cngccactct	tnaccggatg	600
accgtcgttt	gtgggattct	tgtgccaatg	cagtttctca	tccgtctctt	tgtatgaatg	660
tcacaantcc	tggcccgcact	tcggaggatg	tgact			695

<210> 4815  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(658)  
 <223> n = A,T,C or G

<400> 4815						
tttatccttc	tttaataaat	aattacatac	tatctcccg	gacaccatga	ggacgtcaac	60
tttggtcgct	gcttcggctg	gcacggctct	taccggcctg	ttggcttatg	ccatttactt	120
tgaccacaag	agacagaccg	accccgagtt	ccgcaa	atcc	ttgaagagaa	180
tctggcgaga	gctgtgaagg	aggaagccga	ggctcaagga	gccaggaac	gggaatccat	240
caagaagtct	gtccagcagg	ctcaggatga	gggtttcccg	accgatcttg	aagagaagga	300
ggcctacttc	atgggcccaag	ttgcccgggg	agaatctctc	tgcgctgaag	gctcagacaa	360
ggttgaagct	gcctgtgtct	tctacaaggc	ccttaagggt	taccctncac	ctaaggatct	420
gatctcgata	tatgacaaga	ctgtccctan	ggaagtcttg	gaaattctgg	ctgagatggg	480
tcgcatggac	gcggcttnt	gagctggcac	atttactggg	cgaagggtgca	gtgcttgatc	540
agccatgtgt	cgagtaaaag	aacagacgtg	acgcatttca	tggattccga	ctcgcgccct	600
cggcattgnc	aacattccaa	cccccttcgg	tataaaataa	gaactttgct	tggcctgg	658

<210> 4816  
 <211> 642  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4816

```

gcctcttccc tatgacgaca ttgaagcact tcgcgaccgt atggaagaga ttagccctgt      60
gatgcgccgg tacgacgtcg ctgagccaac ttctctgggc tctttgagca agattcaatt    120
ggtcgaacag aacaagggca cccagccaac cctggcacct ttcaagaagg ttatcgatga    180
cttctatttt accgactcca tttctcggag ctgcgcaaca atggcccgat gctcagcagc    240
taaggccata ggaaacccgg agacaatctt tatggctgct ggtgaaatgt ctccccaaagc    300
tctgtacggc tgagaccttg cgacttagag catgatatgc ctagatttgt tttccgtgtg    360
tgtctatttg ctacgcgttg tcgttgtaag acctatgctt ctctaggtgt gttttgctcc    420
cttatcgttg acactgttaa gtcattgttt gcgacctcag tctcaatatg ccgcacatat    480
caccctctgg tattaaatgg gatgtcagta acggtgaact tgtacataag attgaggtaa    540
acgtcagctt ttacgcatac acgtactcga gaactcacta caatgccaaag cctgtggatg    600
aggcggtgag aagatttgac caaaattcct gagtcgctcg ag                                642

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<210> 4817

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<400> 4817

```

cgaggccacg acaacccgaa cgacattttt gcggggtcatt tctcgcactt gtttgcggtg      60
cccgtgtgtg ctcagaaccg ccgtcagaat gccttcggaa caccggtcaca gactctacgt    120
caagggaacg cacctgagct accagcgctc caagcgccag gtcaacccca acaccagtct    180
gatcaagatc gacgggtgtg acaacaccga ggctgccaac ttctacctcg gcaagaagggt    240
cgctttcgtc taccgggcca agcgcgaggt tcgggggttcc aacatccggg tgatctgggg    300
caaggttact cgtcctcacg gaaactccgg cgttgtccgt gtcagttcc gccacaacct    360
ccccccaaag tcttcggcg ctactgtccg cgtcatgctc taccctcca acatctaaat    420
gactcgcttt tattatgtgt tagttggcac tcgggaatct tcgcgcagac agtcgggcaa    480
ggagtgcagc gtatgagcca atgttgagat ggagttggcg ggttgataat gttcgtggga    540
gaggcagggc cgaccagccc tacgaattaa aataaaagaa cttttatgtc ttctttcaca    600
acatggatat ttgtcagtta ctaggcatta gaaaacgctt gaccggttct caataccggc    660
aagcatcatg tgttttttct gacaccatgg ctttttcacc acctcggggc t                                711

```

<210> 4818

<211> 1042

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1042)

<223> n = A,T,C or G

<400> 4818

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ccaagctcaa tatcaagcca attaccgttt ggctgacccc ttctggcccc aatccatgga      60
aggttgtcct cattcttgag gaactccagg ttccctacgt gattgaatcc ttcagggttta    120
acgatgtcaa gctcaagccc tacaccgata tctgtcctaa cggtcgagtc ccagcgatcg    180
tcgatcccaa cactaaccta accctctggg aatctggtgc cattatccag tatctggaag    240
aggtctacga caccgacaag aagctaacct atgagtcgct caacaaaagg cagctgctga    300
accagtacct tcatttccag atgagcgggc aagggcccta cttcggccag gctggatggt    360
tcaacgtcct ccatacagaa agaatccct ccgccataga gcgctacaac gaccaagtaa    420
agcgcttcct ggaggtgtta aacacctgtc ttgaaggcaa agcctggctc gtgggcgata    480
aatgcacttt tgcagatttg tcttttgtgc cctggaactg tcgccttgac atgctgctgc    540
agacaccccc gggcgaggac ccactggcca aatacccca tgtgcaggcc tggcatcacc    600
gtatggtgga tcgaccttca tggaaacgct gcatggaggt tcgagataag cttatggatg    660
atcagggttt aatgcctaata gggatgcccc aggggataaa taatattcag gagtacgagg    720
cggagattgc gcgggagggt gctgagaaa ggaggagta aattgcaata ggagtgggtga    780
tatatgtcag tttgtgagat ataccctacc agcaagtttc gttaaatccg tacaagatga    840
gaggtcgaat agatatttgt tcttaatttg aaaaacaaag anagaaacaa aaaagaacag    900
aacaacgggt gtgttgggag aagaaatcaa aagcgatgga taccatttgg gcctatattt    960
ttttgtgcca cttggatctt tcttttaaag ggcccgattt tgaaattagt ttttgcccc    1020
tttactttta ccgccctccc cc                                1042

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<210> 4819  
 <211> 692  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(692)  
 <223> n = A,T,C or G

<400> 4819  
 gaagtagact ggaagccgga cgcagtgacg ggtaacatag cactaactac ctttttgaat 60  
 gccatttcac tctgtaacct ttcgactgta caaaaggaac aacagtcaat gccatcgga 120  
 aaggatcctg aacatggcgc gcaagtcagg tggaccgcag tcggggagcc tactgaaatt 180  
 gcccttcacg tcttcgcaat gcgatttggc ctcggcaaac caaatatact gcaagacagt 240  
 aatttacaac ttcacaccga gtacccattt gactcttcaa tcaagcggat gacggtaatt 300  
 taccgtagtc ttgaaacgag catgaacgag gtatatacga aaggggctcc cgaggcagtt 360  
 atccctagat tgaatagcag cgagatagag aagtcttcga tccaagacac tgcagacaga 420  
 atggctgggg aggggcttcg cgttctttgt gttgcttaca aaaagggtccc tattaataat 480  
 gaggctgagg tatcttcgag taccacagct gaatcaaatt taagttttgg tgggctcgtg 540  
 ggactatatg atcctcctcg ggttgagact gcagcagcgg tgcggagatg ccaaattggca 600  
 ggcatcgctg tacacatggt gaccggtgac catatacggg cagcgacagc tattgcatnc 660  
 gaagtgggtat attggacccc gtatgggtgc ta 692

<210> 4820  
 <211> 668  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4820  
 ccatggacta gccatcttag ccgagtcacg gcggcatcca caggcccca tggctcagatc 60  
 tcccacagc aatactcgac catgttcctg cccctcgcg atgacctgaa ctccccgat 120  
 atgtatatc cggtcatggc tctcgtcaca tatatctcc tatcggcaat gctggcaggg 180  
 ttcagaggca acttcacccc cgagcttctt ggctcgatca cgacaacagc tattgcagtc 240  
 atcgatttcg agatactttg tctaaagctg gctacctata ttctcagcat caacaatgag 300  
 tcgcagctac tagatctcgt ggcttactca ggctataaat ttgtgggcat catcattacc 360  
 ttagtgacat ccgaggttct aactccggga agagggaaccg gtggttgggt cggctgggtt 420  
 gtgttcattt acacgttcct agctaattgcg ttcttcttgc ttcgttcttt gaaatatgtc 480  
 ctcttcccg actcagcccac tgatgcacgc acgggatcga tgcacaccgt cgcccgggtca 540  
 caacgcaatc gtgcaccca atttctggtc atctattctt atgttatcca attcatcttc 600  
 atgtgggtgc tgaaccgaga ggcccaactt gttcgaacgt agctgggttca gcgccgtaat 660  
 tgaactat 668

<210> 4821  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 4821  
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 cgtctattat tactgggatg aatggaccgc ctcggccttc gagaaggctg ctgcaaaggc 120  
 tggctgagcc tcaacgaagc ttacgaccgc cgaatccatg attgctgggg ctatcgctgg 180  
 aagtgcacac gtgctgatca ctaaccccat ctgggttggt aatactcgga tgacagcgcg 240  
 aaaatccgag tcatacgaag cgggtattgcc ggggtgctccc aanaagacaa aggcttcgac 300





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<400> 4824
cccacttaaa ctggttataa cttcaaccat ggcattcttg aagggaccag gagctactcc      60
aagctttgac ggctcggggc ttcgaattgc aattgttcat gcaaggtgga atatgggcat      120
aattggtcct ctcgtagaag gggcaaggaa gagccttttg gcagctggtg tagttgagga      180
ccatatcaca accctcaactg tcccgggcag ctatgagtta ccatatgccg ctacagcggct      240
ctacgcagct tctcagttac aagcagccaa gagctcgtcc tccggtgagg gaatcagtgc      300
cacggacgtg ctctcttctt ctaccgcaga cattagcaaa gcgtcccccg aatcgcaaac      360
accgctacc tctaggccgt ttgacgccat tatggccaac ggggggcctt aataaaggga      420
gagacaatgc attttggagt acatcgcaga tggcggcccc tcacggaatt aatgcggggt      480
caattaaatt ccgggcgtgc cggcaaattt tgggggggcc accgtttttg acggaaaaca      540
agggtttgga aagggttggc gtaggcaagg aagggatgcc taatcatggg gaaaattggg      600
ggaccgcccc ccttggaact tgtggccagc agaagagaaa tggctgaaag ttaaaattgc      660
taagtgcggt tcgaaaactc ccagggattg ttcggtagga t                                701

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<210> 4825

<211> 1146

<212> DNA

<213> *Aspergillus oryzae*

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cgtcagatac atatttccct caatacgtgc cctcaaacag cacaatgtct gtctccattg      180
aaaccacaga cattgcccc gccgctcca ccacacaggc ggccccctgc ctcgattta      240
agaacagaat gcctgagttc agcttggtg gaaaggtcgc ctgtgtttct ggcgctgcc      300
gtggtcttgg tataactcag gctgaagcgc ttttggaaag cggggccaac gtatatgctt      360
tggaccgtct ggaggaaccc tcccctgaat tcttcgaaat ccaaaaacgt gccacggaag      420
agctgggaac ggagctggaa taccgtcgca ttgatgttcg tgacaccgaa cttctcgaca      480
gtactatcga agccatcgcc gattccgagg gtgcgttggg tggcttgatt gctgcggcag      540
gcattcaaca ggaaactcca gccctcgagt atacggcca ggacgccaac acgatgttcg      600
aagtcaacgt cactggtgtg ttcatactt ccaaggccgt tgctaagcaa atgattcgct      660
tcggcaatgg aggtagcatc gcactaattg cgagcatgag tggtagtatt gccaatcggg      720
gtcttatctg ccttgcttac aatgctagca aggctgagc gcttcaactt gccgtaacc      780
tcgccatgga gtggggcccg tacaacattc gagtcaacac catctcgccc ggctacattg      840
ttactgccat gggtgagaag ctcttcgttg agttccctga gcgtcgcgag gaatggccca      900
aacataacat gctgggacgt ctgtctaccc ctaacgagta ccgtggcgct gccgtcttcc      960
ttctcagtga cgccagcagc ttcatactg gaagcgatct acgtatggac ggaggtcacg      1020
ccgcttggtg gttggcattt acatgactct tttgtttcct ttgcatatct ctaaatttat      1080
atcatcgatt ctattgcatg gcgtcaggaa atcaaacgtg atcggatttt ggatttgatg      1140
gccttg                                           1146

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<210> 4826

<211> 554

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (554)

<223> n = A,T,C or G

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<400> 4826
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gcgggcgcgt cgggctcgaa ggagatgtgg caggcccttg agagactcct ggaggaaggg      120
aagacaaaaga gcattggtgt tagtaactgg ggctgaaagc acattgagga gatgaagtca      180
tatgcgaagg tttggccgcc gcatgtgaac cagattgagc tccatccctg gtgtcaacag      240
cgggttgtaa atgcgtattg taagaagcat ggcacgtgtg ttgaggccta ctccccgatt      300
gtgcgcaatt ataaagccag cgatcctaca cttgtcgacc tggcgaaaca atatggaaag      360
acaaccacgc aggtcttggg acgctacgct ctgcagaagg aatgggtacc gctgccaag      420

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tctgataacc	ctgatcggat	tgtggccaat	gccaacgtat	ttgactttga	aatcagcgag	480
gaggatatgg	ctgtgttgaa	tgccttggat	canggaagcg	ctggagctat	tgtggaggcc	540
gtgaaaacga	ttan					554

<210> 4827  
 <211> 666  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4827	
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tgaacctgta ttgcgattc gcattcgccg gagccgtctg ctgttccgct acccacggag	180
gtctcaccoc cgctgatgtg taagtgcgcg caattctcgc gaacaaccaa aacgacatcg	240
gctacaagca aaaaaagtgc caacaaagtg actgacagat acctttgcac agcgtcaaaa	300
cccgtatcca gctcgaccct gtcacctaca accgcggcct catcgggtggc ttccgccagg	360
tcattccagaa tgaaggcgcc ggcgcccttc taaccgggtgc cggctctaca ttccgccgggt	420
acttctctaca ggggtgcgctg aagttcgggtg gttatgagtt cttcaaacag cagtcgatca	480
acactatcgg ctatgaaaat gccagaaaca accgtatcgc cgtctactgt gtttcgctcg	540
cttttgcgga gttcttcgct gatattgcgc tctgtccgct tgaggcgacc cgtattcgct	600
tggtgtcgga gccgacctt gctagtggcc tttgttctgg gttcgggagg attgctcgtc	660
aagagg	666

<210> 4828  
 <211> 678  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(678)  
 <223> n = A,T,C or G

<400> 4828	
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gcagaataag gaggccaatg aaggaaagga ggccaagaag gtccagttcg ctaagaacct	180
tgagcagggc cctacccact ccggccagga caagaagcct gacgagcaga ccaccggcac	240
ccttggtgtc aaggaagtta agggcgtaa gattgatgac aagaagcttg gaaagggacc	300
tgccgtcaag gccggcaaca ctggtgccat gagatacatt ggaaagctcg aggacggcaa	360
ggtctttgat gccaactaga agggctagcc tttcaccttg aagctcggca aggggtgaagt	420
aatcaagggc tgggatattg gcgttgctgg tatggccggt ggtggtgagc gccgcatttc	480
gatccctcct gatctggcct actgtaaaaa ggctcttccc tgcattgctg gcaactctaa	540
gttgatctat gatgtcaagc tgcttgagat caaatagacg tttgctactt ctatctataa	600
tggtgcataat tagctcgatg attgggtatc actgtggcag tgttgtacat gatgattgtc	660
cttctctatc ttcattgcn	678

<210> 4829  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4829	
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gtccatcaat ctgatgagg aagttaaact agcctccagc tcggccgagc gcgatctgta	120
cgagtcgctg gctgaaatct acagcatcat agtcacgctt gatggctctg agaaggctta	180
cattaaggat gtggttacgg aagcggagta cacagaaacg tgtgctcggc tactgaagca	240
gtataagtct agtttgggtg acgacactgt cgcaaacgag tttgtcgatc tggagacctt	300
caagcgaacc tgggggttgg aatgtccccg tgctaccgaa cgtcttcgta tcggacttcc	360
tgcgaccgtc gagcaggcca gtcacaacgc accagcggct aatatggggc cggcagcagg	420

ccctcctgga	ggtgcttcag	gcagcttgat	cctgaacggcc	acggagaact	tcatacattt	480
cctcgatgcg	ttaaagctga	atatggtgtc	gaaggatgcg	ctccacccac	tgctctccga	540
ggtgatccag	tccgtcaata	aggtgacaga	cggggacttc	gaaaaccggg	caaaaatcat	600
tcagtggctg	atcacattga	accagatgcg	tgcgacagaa	gaactgagtg	aggatcaggc	660
aagagagttg	tcctttg					677

<210> 4830

<211> 600

<212> DNA

<213> *Aspergillus oryzae*

<400> 4830

cgaggccctc	ccctcccctc	ttaataactc	aacttacact	tctgacctgt	cgctcattcc	60
cactgagata	aatgagatac	ttcaggcgct	gttaaacaatg	tcttcttcta	aacctctctc	120
tactaccag	gaactccaga	cccttgctc	caaggcgatc	gctgctaaag	ctacggccta	180
ctgcccgtac	tctaaattcc	gcgtcggggc	atgtattctc	acccagtctg	gtgagtacat	240
cgttggcgcc	aatgtcgaaa	acgcataccta	tctgtcggc	acctgcgcag	aacgagtggc	300
cttcgggtact	gctggtgtcg	ctggatatca	tgacttcaaa	gctggtgctg	tcgctaccga	360
tagtaacccc	ccagcctccc	cgtgcggcat	gtgtagacag	ttcatgaacg	aatttacgac	420
tccctctttc	cccattttaca	tgtatggctc	tgaaggaaacc	tacactatca	agacaatgcg	480
cgagcttctc	cccgaactcgt	ttggaccgga	ggattttctca	aaggaaagg	tacagtcttc	540
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<210> 4831

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 4831

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catctgtctt	tatcgtctct	ctcgcgataa	ccctccaat	cctcctcgca	atgggcaaatt	120
tgacctccac	gatcgggtatc	ccgatcaagc	ttcttaacga	agcccagggc	cacgttgtca	180
ccctggaaat	cacctccgga	gtcgtgtatc	gaggaaaact	tctcgaggcc	gaggataaca	240
tgaacgtttca	actgaaggat	atcacgggtca	ctgctcgaga	tggtcgcgtg	tcgcatttgg	300
atcagggttta	tattcgcgga	agccatgtga	ggttcttcat	tggtccggat	atgttgcgga	360
acgcccccat	gttccgctca	cgaggccagc	gcggcccgcg	tgctcggtctc	gctcgtggta	420
aggccaccgt	gcagcgtgcc	cggggccaac	ggagggggtta	gaaaaacgga	aaaatattca	480
tatctcatat	taatgggcgt	tgatttgggc	ttctttgttt	ctttcaacgt	gccgttttaa	540
cactttacat	tggggctttt	cctgaaaaat	cattttctggg	tctacatggg	aatcttatta	600
cccgccatgt	tgggggaccg	ttctcgtttt	tgacgctgat	gctgggtttg	agtcgtgggt	660
tggtgcttgg	tggtt					675

<210> 4832

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (647)

<223> n = A,T,C or G

<400> 4832

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ggggtgtatc	cgagcaaacc	gccattccag	acaacccttg	gtacccagga	tccatgcgca	180
gtgggtggaa	atgaagggtc	ctttgaagta	attgcgactg	gatctaattg	caagaacctc	240
agcaaagggtg	attgggtcgt	catgaagcag	acaggacagg	gcacctggcg	cacacacgct	300
cagatggatg	agtcgcagct	gatcaaaatt	gagaataaag	atggcctatc	accgctccag	360
attagcacag	tcagcgtcaa	tccagtcaca	gcttaccgca	tgatcaagga	cttttgtgaa	420

tgggactgga	tgcggagtgg	ggaggaatgg	ctgattcaaa	acggagcaaa	cagtgggtgtt	480
ggtcgcgctg	ccattcaact	tggccgagaa	tggngtatta	agacgatcaa	tgtcattccg	540
ggagaggaga	accccggaag	aaacggaaag	tctgaaagct	gagcttcatg	aactaagggc	600
ccactggagt	agtcaccaaa	accggagttg	gttttaagga	aatttca		647

<210> 4833

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<400> 4833

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gggaacttgc	atctcttggg	tcttgctatc	atatgtcggg	cggcgaaacta	tgtacctttt	180
cggctgttct	tcgctagcac	ttctgttggt	tataatcggt	gccgttgacc	tcgccccgcg	240
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agggttcacg	atcgcttggg	cgacggtagc	ctgcttcgtg	tggtcgggtg	tcttcgcggg	420
cgctatccc	tacgtatga	atgaagacga	agccgactgg	aaggggaaga	tcggcttcct	480
cttctctgga	cttagtggtc	tgggtgttat	atatgtttac	tgggtgatgc	cagaaaccaa	540
gggcaggacc	tttgaggagt	tggacatcct	tttcgaaagg	aaggctcccta	gtcgggaagt	600
caagtattat	aagattgaca	ttgatattga	cgggcggagg	cttgaggaat	agtcaagttt	660
atgcataatg	acttgggaaa	tgaagttacg	aatga			695

<210> 4834

<211> 462

<212> DNA

<213> *Aspergillus oryzae*

<400> 4834

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aactcacagg	agtcaccgac	cttcgcctc	aagatactcc	tgaggatccc	tactactaca	120
ctttcaagg	gcaatgcacg	tcctgtcggg	agacacaccc	aaactgggtc	agcttcaacc	180
gttttgagca	acatgaaatc	cctggaagcc	gcggagaggc	gaactttgtc	tggaaatgca	240
agctttgcc	aaaaaacccat	tccgcttcta	ttgtcgcagg	tcccaatgtg	tacgaagcgg	300
acgagaagcg	caagggccgg	aaagtgatcg	acattgactg	ccgcgggtctt	gaatttactg	360
attttaaagc	tgatggcgaa	tggcaggcga	agggcaccga	gtcttccact	ccctttacgg	420
ccatcgacct	gtctgagggc	gagtggtatg	actatgatga	ga		462

<210> 4835

<211> 914

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(914)

<223> n = A,T,C or G

<400> 4835

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ttatgagcct	aagaattggc	atgggactct	ccttttttgg	gccgtcgctg	ttttctccgt	180
gggtattaac	agtgtgggag	gaaacctgct	gccccgttct	gagggcctga	ttcttatcct	240
ccatattctc	ggctttttcg	ccattcttat	cccgttgaca	tatatggcgg	atcactcgag	300
tgcgcaggag	gtcttcaccc	acttcttgaa	cctgggcgaa	tggccacac	agggtttgtc	360
atttttcatc	ggtctagttg	gttcgctggt	tgcattcgca	ggtggtgacg	ctgctgttca	420
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tatcgaggca	gccctggtat	ctctactggt	ttatccattc	atggcgattt	tcctccaagc	600

aacgcactct	gtggctggca	cagcaacaat	gggcgctatc	attacgacta	tgggaatatg	660
cacatcggtc	ggcatgttgg	cctcaacatc	acggcaattc	tggctctttg	cgagagaccg	720
cggaattcct	ggctggcgct	tatggagcan	ggtgaccccc	gaatccgcca	tcccaatcta	780
ctccgtcggc	ctcaccacaa	tcgtcgcctg	cctactagcc	ctaataca	tcggctcctc	840
agtcgccttt	aacgacctcg	tctccatgtc	catctncggg	ctctaccttt	cctacatgat	900
cgacgcccgt	cttt					914

<210> 4836

<211> 1269

<212> DNA

<213> *Aspergillus oryzae*

<400> 4836

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cttaccatct	catgcctcgc	cgacattcac	ggcgaggcc	tcttcctctc	atcgagcggg	180
tgatgatatg	tctctggact	caacctctgc	ggctccacca	tcattgaaca	gcagaataga	240
cgagcttcgt	ggtgatgccc	caagtcaaac	tgacgccaca	gagcacacc	gaggcgatat	300
tacccccgca	gtgcccgcct	ctcttctctc	cccttccttc	acccctccag	cgacaccagg	360
tggcacgata	aaccaagcgc	aactacttca	gcagactcaa	caaccacgc	acactaaacc	420
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agtgagcagt	tggtatgaca	gctccgcaaa	tactgagagc	gcttctagt	gacaaggcgc	720
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aactttgaat	gaggtggcat	cccagcaaga	tttatctgtg	ccttcgaatg	catctggagg	960
cgtgatcatt	tacctcgcgc	aggaaggccg	cgggatcggg	ctaggagaaa	agcttaaagc	1020
gtataatctt	caagaccttg	gatcggatac	cgtcgaagct	aatttactcc	ttcgacatcc	1080
cgcgatgcc	agaagctacg	gtcttgccac	aacgatgttg	gtggatcttg	gtctaggtgt	1140
tgattccaac	ccacatggaa	tccggctggg	accaacaaac	cctgacaaga	tccgggccgt	1200
cgagggacca	aaccggaggt	tggtttgaag	aaaaattacc	tatggtccct	ttggcctgac	1260
gaaaagtgg						1269

<210> 4837

<211> 579

<212> DNA

<213> *Aspergillus oryzae*

<400> 4837

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tccggcttgg	ggttacagac	acatctatcc	aaaatgacca	tcaatcctac	ttacctcgcg	120
cagcgcacgc	gctcctctgt	gaactggacc	gatgccaggg	cccgctcct	caagtcctac	180
agagaatggc	ttagagcgtc	ccctgagatc	cagaccatgt	actctctgaa	catgccggta	240
tccgccatcc	gcaccaaggt	ccgccaggag	ttcgagaagc	accgctatgt	gaagcagctc	300
ggtgctgtcg	atgtcctggt	attccagagc	cacgctgagt	tccaggaaac	ccttaactac	360
tggaagcagc	tttctcatgt	gatgaagtac	ttccgtccag	aggaagaccc	cggcgcccg	420
ctacctccta	acttcatctc	gggctttttg	gaaggccgca	attgaattga	attgttcttg	480
agtacctttg	cattgaaatt	tctaccttgg	cttggggatt	gcaccaatag	agtgttatgt	540
aaatattgac	tgagtaacta	acgtcggata	tggtacgtt			579

<210> 4838

<211> 512

<212> DNA

<213> *Aspergillus oryzae*

<400> 4838

tactcgatca	cgacaaatac	cagggcgaca	ttgcgaacgt	tagcgtggac	tcctctaagg	60
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**C** **E** **H** **L**

<211> 677

<213> Aspergillus oryzae

<221> misc feature

<223> n = A, T, C or G

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gatcgctcgc	tgggccgtag	cagccctggg	cacctgcacg	ctcctccct	ccgatgtggc	180
attcacatct	ctcgtctcgc	cagccgtgtg	ccccagcgca	gcagcctacg	gcctcatctg	240
tctcgccgt	ctcatctcgca	ccccgaagcg	ctttcccaag	cccaaatgga	gcctcgggaa	300
gtggagcaag	ccgttccagt	tcatacggcg	gttctggaaac	gggtgggttg	ttgccgttct	360
cttttcgccg	tatgcgtttc	ccgttacccg	ggcgaatttg	aattatgctc	ccattataat	420
ggctgggtgt	actatttttg	cgcttatttc	gtactttgct	atgccggagg	aggcgtgggt	480
gcctcggaac	cgcatctcgc	atttcatcga	tagcaaaggc	gccccagcga	ctgtggaggga	540
ggtggagcag	ccctccgggtg	aagatcangg	aaccagtact	ccccggctat	gatctgagtt	600
attcttgtga	gggacaggag	tgtccgggtac	ctagtacttc	gtgggtggta	ttaataaatt	660
caaaaaaqqq	ccagggg					677

<211> 764

<213> Aspergillus oryzae

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atatccttac	cggcgatgag	attatctcog	acgccttcaa	cctcaaggag	gtcgacaaca	180
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tgacacatct	cattaactac	cgcgaggacg	gtgtcactcc	ttatgccact	ttctggaagc	600
acggtcttga	ggagtacaag	gtctagattt	atctacagtt	tgtcgtgaat	aatgtcctga	660
atgaaaaaaa	gaagtctcgg	agaatgcgaa	cattctaatt	ctgacagagc	aggggggatg	720
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<211> 690

<213> Aspergillus oryzae

<221> misc feature

<222> (1)...(690)

<223> n = A,T,C or G

<400> 4841

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aata	ctgtg	c	gaatgg	cgat	ctctat	gagg	caatc	agagt	caacc	gtggt	ccctt	ggaaa	180
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agg	gtttg	ta	tcacgt	gac	atcaa	gcctg	agaat	atctt	cttgat	gcag	gatgg	ttgca	300
tgaa	actgg	g	cgactt	aggc	ttggc	gactg	g	cgagg	cctg	gtgct	atgag	gcctg	360
gaag	cgatc	g	ttatat	ggca	cctga	gcaat	acgac	ccggc	taca	acagg	tactc	ccctg	420
cca	aggct	ga	tatct	ggg	cc	gttgg	catct	gctt	gtc	caa	tgtc	ctctc	480
cttt	cgca	ac	gccaa	ccgaa	tctga	tatct	tgttc	gcoga	ctatg	ttcgg	gate	cgcca	540
cttt	gttgc	ga	tatct	ttccc	aacat	gtctc	aagata	cttt	tgag	atact	cgatt	ttgcc	600
ttgc	catcg	a	cccaag	caag	cgctc	gctct	ctggc	aatcc	ggatg	cgatc	ctncg	aactg	660
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<210> 4842

<211> 393

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 4842

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gttc	ccagg	g	ctgact	ggc	ctggc	gctgt	tgatg	ccctt	accg	agatg	cgaag	cggtc	180
tccc	aggat	cccc	gaggt	tctcc	aaccg	cgcgc	agct	ctcat	caagc	tcatt	ggcct	t	240
ccct	cagg	gtt	cagg	act	gcgac	gaagc	aatc	agccg	gatcc	caagt	tcatt	ccgtg	300
ttat	atg	cg	t	aggg	cacagg	ctctg	atg	g	tatga	aagg	taca	aagg	360
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<210> 4843

<211> 1038

<212> DNA

<213> *Aspergillus oryzae*

<400> 4843

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ctt	acccctc	gctt	tcatac	taca	accgct	t	ttta	agggc	cgttt	cgaga	aaagg	ccgag	120
ttt	atgtcca	togaa	aacct	caag	accttc	g	gaccc	cttcg	ccga	agctga	cgaag	acacc	180
ggc	gagacca	agcag	tctca	aaatt	tatac	t	catata	cgga	ttcag	cagcg	caatg	gtcga	240
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gtg	atcaaga	agaag	ttcgc	ctg	caatggc	a	ccatc	gctc	ccgat	agtga	gatgg	ggcgag	360
gtg	attcagc	tgca	aggtga	tcag	cgtaaa	g	atgtt	cagg	agtt	cttgac	cgaca	aagaag	420
gagg	gtctcg	agct	ggatgc	caag	accatc	a	aggt	ccacg	gttt	ctaaag	gagac	gccgc	480
gcc	cgttcc	gatc	ccagtc	tact	ttgccc	t	cggag	tggt	tggat	ggagg	catgt	atcgc	540
ctat	ctctcg	tctta	actct	gcatt	gctct	ct	acgcg	att	gcaac	atcta	ggtg	gttcgg	600
tta	agcttct	tgt	cttttac	atcca	accct	ct	gtg	ggccg	cg	actgg	ac	gtggg	660
tgt	cgttatt	atg	cactgtc	taatt	tgatc	cc	aaaca	att	g	ggc	acgcg	attgat	720
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tg	cctgg	gtg	gcga	aggtca	atct	ctcgtt	gc	acttgc	gt	ctacgt	ctt	ccacat	960
ttt	ctgaact	tgt	cctcaca	acagt	cgttc	t	caga	ataag	atgt	atgcaa	tg	cgatat	1020
aatt	tgtctg	t	g	gatcttc									1038

<210> 4844  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

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 acgcaagcgg aatgtgagaa acgaatgagg acgatttata agaataacga gtgctactac 180  
 ctaatgtact ttgatcagaa catgatcatc gatgctacca ggggctctat cgctcgtttc 240  
 gtaaaccatt cttgcgagcc caactgtcgg atggagaaat ggacagtcgc ggggaagccg 300  
 cgtatggcgc tttttgctgg tgatcgtgga ataatgaccg gggacgaact gacctatgac 360  
 tataattttg acccatactc tcagaaaaac gttcagcaat gccggtgtgg atcggacaga 420  
 tgccgcggta tcctgggacc acggccgcgg gagaaagagc aacgttcaaa ggagaaagaa 480  
 ctgagggtcg gaaacgagaa gaaatcttgt tcgaaaatat catgaaaagg ccagcattac 540  
 caagcagaag gtattgaatg gattcaactt ccgcgtcaat aaacaacagc attttgggtt 600  
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 aaagcaacta cg 672

<210> 4845  
 <211> 707  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4845  
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 gtttctccgg tttatcttag tacttgttct cttcaacctc gcagctgcc aacatctgtc 180  
 cttcatcggg atcgttttcc gcgatggagg agtggccaat ttgattggca gtttgggtgat 240  
 gctattcagt ctattatttg ctggtctgtt actcaaccac gatgcaattc ctaagtcgcg 300  
 tttgtggctg caaaccttgt ccattctcca ctacggcttc gaggccttga ttgtcaacga 360  
 agtgacgttc cttacgctga tcgaccataa gtatgggctg gacattgagg tcccaggggc 420  
 ctccatcctg agcgcctttg gggtcgatc tttggcgttt tgggaaggatg ttattgggct 480  
 ggggtataatc ttccggcgcat tcatcatgat tgccacgga gcaatgcatg ttttcttcat 540  
 tgagaagcgg tactcgcggt atgaatgcat taacgccatc ttgcctctt tgccctgtc 600  
 taatttacgt ttggcaaaaa ttaaattatt cccgcctct tattgtgtgg tcccatactg 660  
 tcatacctca ccatgactat gccctagtt gatgatgcac cgctccc 707

<210> 4846  
 <211> 534  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4846  
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 ggtcagccct tgaaggtggc tattggcaca ggacgtgtta ttaaagggtg ggatgagggg 120  
 gtccctcaga tgagcctggg agagaaggcc ctggtgacca tcaactcaga ctacggttat 180  
 ggagcacagg ggttcccaaa tttgatcccc gccaaactcta cctcctctt cgaggtccag 240  
 ctggtggcta tcaacaacaa ggagatgcc aagcccta at cgaatgccta acctcaccaa 300  
 agacctagac atataaggca attgaaaatg atatatcatt gttttctcgt agtcgagggg 360  
 tgcagggtag gatggaaaga caagcgagat caaatatcaa gctattgtat gaaaatcagc 420  
 tttccagagg agcttcattg aacaaaaaca gtagatctcc gaatagcaac gctccaccga 480  
 gatccctccc tggctcaggc gaagcaaaat gaaatagtta caagtcaggg catc 534

<210> 4847  
 <211> 636  
 <212> DNA  
 <213> *Aspergillus oryzae*



[illegible]

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<210> 4848
<211> 674
<212> DNA
<213> Aspergillus oryzae
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<210> 4849
<211> 1146
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(1146)
<223> n = A,T,C or G
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cgataactcat	ctcgacctga	attggtgatg	gccaatgagc	tgtagctatc	tctttcttct		360
tagactgtat	actaacctaca	caggggccat	ttaatatgtt	tgctaataatt	tacgtaactt		420

cttccctaga	tctgggtcag	acatctttgt	caccacgcaa	aatgaacacg	ctattgtccg	480
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ggcccaggag	gaaatcgacc	gagtcgtaag	agcgagggtta	cctacgcctg	aagatcgggt	1140
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<210> 4850

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 4850

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gtgtcattcc	cgatcttttc	caggagagacg	ccatcaagct	cagcgacatg	gaatctggaa	300
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actgcttcgg	tgccaagtat	gtctgccgcc	acatgaagga	gggcaagatc	gacgttggtt	480
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agactctgaa	gaagactggc	cagcactggc	agatcaacct	ggttagcggg	gttttccacg	660
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<210> 4851

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 4851

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catacgaggc	atcagccacg	acaacccatc	cgcatgtggc	aagcacgctg	ccccaaagg	180
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cgatcatcat	gaccacaaat	ccttctctctc	gcaagacaaa	ccatcttttg	accaatccgc	360
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<210> 4852

<211> 795

<212> DNA

<213> *Aspergillus oryzae*

<400> 4852

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acagccaaaa	tgtctctctt	cagaaccatg	cctaccgctg	gagacttctc	ccctctcttc	180
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aacgtcaagg	ccagccttaa	gaacggcacc	ctctccttgg	tcgtgcccac	ggctgctgct	600
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<210> 4853

<211> 709

<212> DNA

<213> *Aspergillus oryzae*

<400> 4853

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aaagcatgca	tgaatttcct	tgtttatggc	tggcgaatat	cccatgtccg	ggcagatata	660
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<210> 4854

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 4854

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caatatgcgc	tcatggttgc	ggctgaggaa	cctaccgagg	gcttgctcgc	tggtatccat	660
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<210> 4855

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

**THE**

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<210> 4856
<211> 732
<212> DNA
<213> Aspergillus oryzae
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gccagtcctc	acgatgcctc	ttcgcaccag	aagttccacc	agctgaacga	gcgcgccgca		180
ttccccattc	ccgcctccaa	gggtagccag	acctttaagg	aaccttacta	cgtcaagggt		240
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tgggtggcaag	aggtctgcga	agacgccctc	accttcaagg	gtaccggcac	cggcgtccac		480
aaggtcattg	gcggtggtgc	ccagggcgcc	gatgacaagg	tcatccagca	caacagcggc		540
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ggcaactggc	aagaagcagc	ccaagcgtac	ccggcagatc	aagggtgga	aggccagcaa		660
cggcaagacc	ctggtccgga	ttaaccctaa	ccttggggaa	ttgggcacca	ttgatggctg		720
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<210> 4857
<211> 683
<212> DNA
<213> Aspergillus oryzae
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<220>  
<221> misc_feature  
<222> (1)...(683)  
<223> n = A,T,C or G
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cgggactatg	attcgatttc	tccccattgt	cgctggcaac	acttcgatgt	gggtggccga		180	
cccccqatca	atcacgtcct	qcaqtcctqg	cctaqcacaa	tcgatgcgca	agaacqaact		240	

cggcgattaa	tcgacctctt	tgtcgtttcc	gtccttctcg	acgctgggtc	tggaactaga	300
tggtcttaca	aatcgaagga	gtcgggcaag	ttcttctcgc	ggagcgaggg	gctggctggt	360
gctacacttg	aaatgttcaa	gagcggactt	ttcagtaatg	aaccaccga	gccttgtaa	420
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<210> 4858

<211> 237

<212> DNA

<213> *Aspergillus oryzae*

<400> 4858

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aagtactcca	ttgtcggttg	tgctactgct	tccgaggctg	ctcctctgca	gtaccttgct	180
cccttcaactg	ggtgtgccat	gggtgagtgg	ttccgtgaca	acggccgcca	cgccgtc	237

<210> 4859

<211> 555

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 4859

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agtctggctt	ccttgtcttc	aaatttcattg	aggtacacct	ttctcgagc	aatgtacagg	180
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agtctgccaa	ggttgaagac	attggtgatg	ccttcgagcg	tgagctcgag	ttctcgaaaa	300
ttacgcttcg	gattgtggac	aaggaggatc	ctaaggcgag	cagtgcgag	catacagttg	360
cgaaacttac	aggcgatacg	ctttcgactc	tacaacgcac	tttgtacaac	ccaaccgaac	420
taacactgcg	gtcggacagt	ggggaagtaa	gcaaggtcac	tgtagtgct	cggtatatcc	480
ctgtacatat	gaaactngat	ccgtctgaaa	gcattaacaa	catggggaac	cttacgaagt	540
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<210> 4860

<211> 1152

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1152)

<223> n = A,T,C or G

<400> 4860

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gactgggttg	cttccattgt	ctctctttct	cttatcgaa	ctgccttttg	ttttgatttc	180
ttatttcgga	tttctcctca	ccccctcacc	tcccaccctt	tcatacagca	gacttctctg	240
cctatgacaa	caatgccagt	caagaagcgc	aagtctgaaa	gcgtgcctgc	ggccgaagaa	300
aacaattccc	ctaaaagagc	tgctgtccct	gatccagcta	ctggagagaa	aaggaagaga	360
ggctgtcctc	gcaagtaccc	tgaaggaagt	ggcccaagc	cttcgcggg	tcctaaaagg	420

ggccgggggccc	gtccccgcaa	ggatccgtct	gccagtactc	cctcgaaacc	gagtactcct	480
aaggaggggca	agcggccagt	cgggaaggcct	aggaagtatc	ctgctcagaa	tggagcagac	540
accccgacag	acagatccac	gcaaccgaaa	tcggagtcag	cagatgccaa	ggctgaggat	600
gagggcgatg	aagatgattc	cggccgctcg	tattggttga	tgaaagctga	gcccagatcg	660
cgcttagaga	aaggggttga	tggttaagttc	tccatcgatg	acttggcctc	gcgtagcaag	720
ccagaaccct	gggatggtgt	gcggaaccct	gctgcaagga	atcacatcag	agagatgaag	780
aagggcgact	acgctttcct	ttaccactcc	aactgcaaag	tgccctggagt	tgccgggcttt	840
atggagattg	tacaagaaca	tacaccagac	gagtctgcct	ttgaccctgc	acaccatac	900
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cgcaagttcc	agaacttcgt	ctcactaaac	gacctcanag	ctcacgcgaa	ggcgggnaga	1020
tactcgaga	accttcagg	tctgaaacaa	tcccggtcca	gtgttttncg	cgtaccaaga	1080
aagaatgggg	actcatccta	gggttagccc	agggaaagga	gtcatcgta	tcgggaggag	1140
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<210> 4861

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<400> 4861

ggatattacc	ctcgttgcta	ctactgccga	ggggtgtgcc	tcatggctgc	aactaccctg	60
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tctaactga	tcgcgattgt	ttagcgacgg	tccaaaaaat	tatcacccga	attctacctc	180
cttcttccgg	ccagaccttt	tccaaagatg	ctcgcgatct	ccttatggaa	tgctgcgtcg	240
aattcatcac	cttgatctcc	tccgaagcca	atgacatcag	cgagaaagag	gccaagaaaa	300
caatcgcccg	tgagcatgta	gagcgggctc	tgctgatctc	tggttttggc	gattatatcc	360
cggatgtcct	tgctgtggca	gaggagcata	aggagcagtt	aaagtgcgca	gaaaagaaac	420
aaagcaagat	ggagcagagt	ggactgtcgg	aagaggagct	gttacgacag	caacaggagc	480
tgtttcgctc	tgctacggag	aagtatcacg	ctgccccgga	gtaaatgtct	gggttgga	540
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tttcggatga	gaaatcttgg	agtttagggt	gtctgggatt	gaaaccatgg	tttctgaacg	660
ggttgggttg	tcttttagtt	cttctcttcc	ataagtatag	ttgcattgat	ttctcgagtt	720
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<210> 4862

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 4862

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tgcgactgtg	ctgggatcta	cgtgttccct	cgttggttcg	cggactatcc	tgtctaagtt	180
cgtcaacaga	atgatggagc	gcgataaaa	attcgacgct	cttgctttga	cattgaagta	240
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gaaaggagag	gagatgagcg	cagggttctaa	agccgtgaat	atcatcagca	tcacgtaac	480
tggttgcgac	gggattttca	cgggttggtg	catttataaa	aggaccatgg	cacgagctan	540
agagttagag	gctcaagaaa	gagccgatat	acgtcgatca	cttcaggccg	atcatgctga	600
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tgctcgtgat	gn					672

<210> 4863

<211> 720

<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(720)  
<223> n = A,T,C or G

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cttcgccctc tcgtcggcac gcaacttcaat ctactcgcac gaactttttc ctctaccccc 180  
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gctgagtggg gtggctcctg taaggcaatt gccctcagc ttgctaggct cagcaggag 360  
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cttgggtgccc gcgccatgcc cacttttctc ttcttcaagg atggtaagaa ggtgaatgaa 480  
gttggtggcg ccaaccctcc tgccctcgtg gccggcgtcc agtctctggt caagcaataa 540  
atgattgata tgggggtgag ggtagcattt gcttttctcat gttagtctcg aagggaatgt 600  
gactccaccc gttatatcca tccctatatg acataaatat gaacttcacg gctatcgngn 660  
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<210> 4864  
<211> 711  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 4864  
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cgtgcctcca acatgacatc atccgcggtg cataactaca cgaaaacgat acacacggca 180  
gcatgtctga tcattggtga cgaggtgctt ggcggaaga caattgatac caattccgca 240  
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gatgacgaaa gtgaaattat tgaggctgtc aggcgcagta gtaacaacta cgattttgtg 360  
gtgaccagcg gaggcattgg accgaaccac gatgatatta cgtatgaatc catagccaag 420  
gcgttcggcc taaagttgaa actacaccaa ggcgcttttg accgtatgaa gaagctctcc 480  
aagcctcacc cgatgcaacc gcaatttgac tgggataccc cgtcgcccgg tctaacagcc 540  
aagctgcgca tggttgaact tccccacgat gatactctgt cggaggagca gcaggctacc 600  
tttgtggctg atgatatgtg ggtgccaaat cgccatcgtc aacggtaatg tgcatactct 660  
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<210> 4865  
<211> 632  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(632)  
<223> n = A,T,C or G

<400> 4865  
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ccattggcat cctcgggcac cactccccc ccagatgtgc caatgcacac gagcaactcg 180  
cctcgggtgc catcctcagt tctgaacca cctactgcct gcccggtccg gtctaaagat 240  
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tcaaccctat caaagctgaa ccctttgaac tatatgttct cttccatctc tcaggaacga 360  
gctccgaacc aaaccgtcga tttgtcgcta gagcgtgaac ctccctctat accccgcgga 420  
gatacggatg gcaattggga gtatccgtct cctcagcaaa tgtacaatgc tatgttgcg 480

anaggtcaca	cggatacccc	tcaagatgca	gtggaggcaa	tggttgagct	gcataacttt	540
ttgaatgaaa	gcgcttgga	ggaaatttgt	ggatgggaac	gtttattctc	gaaaggtcta	600
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<210> 4866  
 <211> 646  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(646)  
 <223> n = A,T,C or G

<400> 4866						
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cctttcacaa	tgtccggcaa	atacgtttcc	accaagggtc	tgaaggagct	gcgcttcctt	180
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cctaagggtgt	atgccagata	cgcgtttggc	aaggaaaaac	tcgagccatt	gaatggcttg	360
tcggatgcac	agatcgaaga	aaaacttacc	aagctcgtga	aggagtcgtc	atagcgaatt	420
ttccgcactt	ccgtatatgt	ccatgcacgc	tggtcaaatc	gtcaaccatt	gtatctatag	480
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tcgtcatagc	gaattttccg	cacttccgta	tatgtccatg	catcgtgttc	anatcgtaa	600
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<210> 4867  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 4867						
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tataagattc	cgagcctctt	tcaaaaatac	agctgacagc	tttgtcttcg	aacgtatacc	240
gatgacgtgt	acatctcttg	tagaacgctt	agtaactat	accaaagtaa	ggaatgtcaa	300
tgctggcttc	gactcaccga	atcttttcta	tgagctgatc	ctcaggaggt	gatgacttta	360
aaaactctac	ttgatagcct	tgctttgtaa	ggatatctcg	ccccgttcgg	attacattat	420
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<210> 4868  
 <211> 708  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4868						
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aggcaggcga	tcaggatggc	ggatggggta	ttgttaacaa	gtacgtggat	gccggcgacg	180



gacacgggga	catcgcgaga	aaagtagcag	cggaaggcat	cgtcctagt	aagaacaaca	240
ataacaccct	accgctgtct	cgtagcccg	cgagtcctta	tcgcattggg	atctatggtg	300
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cattagcgtc	aggctggggc	agtgggactg	tgggaatttcc	tttccttgtg	agtcctctgg	420
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acggaggcga	cacattgatt	caagccgtgg	ctaacaactg	tgtcgggacc	gacagtgggtg	660
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<210> 4869

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 4869

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tgctgaggag	gcggagaaga	accccgacgc	tacctctgtc	gtagagaagc	caactttcac	180
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acaagggcaa	gacccttggt	gttcagtatg	aggtaagcc	gcaaaaactcc	ctcgtttgcg	480
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tacgcacccc	taatgtnatc	atgttcgggc	cccacaagtg	ccgtgctacc	accaaagtc	600
attttatctt	tcggcacaaa	aacccccaa	actgccagtg	tcgaggagaa	gcaccttaag	660
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<210> 4870

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 4870

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aacctaggac	cctaattccc	accctgatcc	tcacgacagg	aattatcggc	gcactgcaga	180
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cgggttctga	an					672

<210> 4871

<211> 665

<212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

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tgatctacat ccatcaaaac atccccggtg tcttacggaa agtgaacgag atcctcgagag      180
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atatcagcaa cgttgataat accactatca aagatctata cgagaggctc gaaagccttt      300
catcccggat tatgacacgg atattatact aaggatatct cgggtgatgg aagcctcaca      360
ctaagatcat ctattggtag atttgatttc ggtagaacc acccctcaac ggctcaagtc      420
taccgtctgc taaacaagaa agttattgat tcttatgcta ctgccgcgct ggtttctgat      480
taaatgactg aaagcttttag gttantgatt ttgtcaagtg gcgcccggat aatggaaaca      540
tcagctatgc tgttcacatt cgacgcatca tactgatgtc tacggagaaa tgtttgttca      600
acacttcggc cttgttgctt tttttattcc cttagtactt taagagtcct gctgaattga      660
aaaaa                                           665
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<210> 4872  
 <211> 699  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(699)  
 <223> n = A,T,C or G

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tcaaaaatgt cttctactgt atgctccgcc acggcgaact cccggcccta gaaaaggagc      180
gcttggttat cgacacctcc acgatcgatc cagcttcgtc ccgagaaatt gccaatgcaa      240
tccacacaac gcgccaaagg cgattcgctc acgcccgat gtcaggcgga gttgtggggg      300
cccgcgccgg cacgctctcc tttatgttcg gggcttcata gcagaccggc gagctcgttg      360
accgctccca gtcggttttg atgctaattg gcaagaaggc ctggcacatg ggtaattcgg      420
gaacaggcgt ttccgcaaaa ttagccaaca attatctcct ggccatcaac aacattgcca      480
ctgccgaggt catgaatctg gggactccgtt gcggactcga cccaaggctc ctggccgata      540
tgatcaatac attgactggg cgtgctggg ccattggaaac aaataaccgc gttccggggc      600
ggtcgagacc gcgccaccat cgggcgaata atcccggggg tttgggatta atttgaagaa      660
ttaaagaatc ttcgctggcg aattcccgtt ggggaggan                                           699
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<210> 4873  
 <211> 780  
 <212> DNA  
 <213> *Aspergillus oryzae*

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tgccctcccg cgtgttggtg gtgctgggtt gcttggtttt aacggaagca gatgtctcct      180
actttctcga caacaacgcc aacatggcac cagtttgagc ggagggtcga tgaggtcaag      240
ccatccaaga ctgacattaa ctatctcggt atggactacc tcatcaccaa tggatatcca      300
gctgcagcga agaaattcgc ttcggaggcc aacatccaac caagggcaga tgtagaagcc      360
attcaagaaa gtagtagaat tcgactgcc attcactcgg gcgatatcaa agctgccatc      420
gagaagatca acgagctaaa tccacagatt ttggatgaaa atccaccctc gcatttttca      480
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cagttcttgg	aggatcttga	gaggacgctg	gcgctcctca	tttttcccca	ctgagaacct	660
tacacccgct	ctagccccc	ttttacaccc	cgacctgcgt	aaagatatag	ccactagcgt	720
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<210> 4874

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 4874

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ggcaagcctc	ggttgagaaa	ggatgtccgg	ttcccgtttg	tcagcctgag	gatatcctgg	180
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gtcaatcccc	ctttgcgctg	ggtgattcgg	tctgtggtgc	ggcctttggg	aataaccccg	360
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<210> 4875

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 4875

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cgtccgatta	cacatgcccc	gccagtcgga	tcaccaacga	atacctccaa	catttccctt	180
tcgtcattec	tttcaccatc	tgccttgccc	ttgtcaacca	cgccaagttg	aagcaaattc	240
cgggtgatgat	cgtcattgct	ttcgcggggt	atgtcaccaa	ctatttcggc	tccaagcgat	300
tctatttcaag	cacacaagtg	tccaatgcgt	tgggcgccct	cgtgatcggc	gtcatgggaa	360
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<210> 4876

<211> 941

<212> DNA

<213> *Aspergillus oryzae*

<400> 4876

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ggtgaagggtg	tagagcaaaa	ttttgccact	gctctcactt	ggttcaggcg	tggagtgcac	180
aatggggatt	cgctctgtca	acatcagatg	ggactgatgt	atcttcacgg	atattggcgtg	240
cagcaggacg	ctttcagggc	tgcactggtt	ttcaagtcgg	catctgaaca	agatttcccc	300
gcgcagaaaa	caagactggg	tgccttgggt	ttggaccaag	gagatgtccc	aacggctacc	360
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atggttgcag	agcgagccga	ggtgatacat	tcatcattcg	atgaggcgaa	caccgcatat	540
gagaatgggtg	acaaagaaa	ggccctcggt	gcagccatga	tggccgcgga	gcaagggttac	600

gagcagcgc	aatctaactg	ggcattcttg	ctcgatgagc	agcgctcttt	gatgtccttt	660
gatcgcatcc	taccgggtgc	taagaaacct	cgaccgtctc	tacttcggaa	tgctgcgttg	720
gcccttatct	attggacacg	ttccgccaaa	cagaccaaca	tcgattcatt	agttaagatg	780
ggtgactatt	acctgggcgg	tattggtatt	gctgcagatg	cccagaaagc	ctccagttgc	840
tatcatagt	ccgctgaagt	ccattatagt	gcacatgcgt	attggaagct	tggtatggatc	900
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<210> 4877

<211> 747

<212> DNA

<213> *Aspergillus oryzae*

<400> 4877

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gctggctccg	gcgagcgccg	tgatcatcatg	agcgcccttc	tgagcaagga	actccgtgag	180
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gtcgagcgtg	tcgtccgcga	gaagtccaac	ggccagagcg	ttccctcgg	tatccacccc	360
tccaaggctc	tcctctccaa	gctccacctc	gacaaggacc	gtgagcagat	cctggagcgc	420
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atccaacctc	ctatgatcag	gatatatctg	ctggaatgaa	aaacgaaaaa	atctacttcc	600
tcggttcatg	gtctgcgcca	cggattttca	agcgtagtgt	ttggactact	tcccttcaa	660
gcgtatttag	ggataatcta	ccggcagcga	ctcaattgtc	agagggccgt	tttctttttt	720
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<210> 4878

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 4878

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cattgcaaag	aaattcgtcg	aagagggcgc	gaaagtcata	gtcgagagga	tatccaaaga	180
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ccgagaatcc	tggcaaacat	tactccagac	agctctggac	acgtacggcc	agctggacat	300
tgtagtcaac	aatgcggggg	caacctatcc	caataagccc	acaggccagg	tcacagacgc	360
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tgctaccaag	acgatggctg	ttgagtatgg	gccaaagaag	atccgattca	attgcgtttg	600
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<210> 4879

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<400> 4879

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ccaccgcgcc	tttccctga	ttcctcgtat	agcgccccga	gtcccttgag	tcctttctag	120
ccagcaaggc	tactttacca	ccattcgggtg	gctgcagctc	tcctgcagaa	gaatcactga	180
agtgggcagg	gaatcagagc	atcgatcgat	aaccttctct	tttctctctc	gaaggcgaa	240
aaaaggataa	aggacaggag	gaaagatact	gcggtggtgc	ccgagaaact	gagtttcccg	300
acaatattac	cggaccttct	gtcaagagct	actatctcga	gacatatatt	tttttttttt	360
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<210> 4883  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4883  
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 ttggtcgcaa acatagtagc tcctctagag agagcttcat catttctccc gttatgtgcc 180  
 gttttctggt atacaagggc cgacatgaga tacgtctcag caaactagta acagagccca 240  
 gtcattcaat tttgactcaa tcctatgatt cccgtcttag actggataac cgccgtccag 300  
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 aaaacaactt ggcaccccggt tcaacacaat actttgatgg ggaagcgcca cggtaaccgt 540  
 tgggggctgg caatatatca agcggcccggt tgggcgaatc cctcgcgga cgcctgggat 600  
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 aaaagaaggg ggtcg 675

<210> 4884  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 4884  
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 tcgtggaatg gagggtacga tcttaagaat tccgtctcca acggagggtt cttccagctc 180  
 gctgctcgtc ttgcacgata taccaagaat gaaacttata ctgagtgggc agagaaggcg 240  
 ttcacctgng ccacatctgt tcctttgatc atcgagaaag ggtggactat caatgatctg 300  
 gntacngtgg aatcgaattg ccaggcacct aaccagatgc aatgggtcct acattatggc 360  
 atctancctt atggggctgc gtacatgtat aactttgacc aatggcgata cgaaatgggn 420  
 aaaatgtcnn tggaaggctt attgaatact acatggcgca atttcttccc acaggagtat 480  
 gggggtaaca tcatggttga accatgcaag cctcanaagc aaggatttgt accatgcaat 540  
 ggcaatcagt ccccatcaca gagtttggtc accgcttggc tcgccttcac gaccactata 600  
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 aacatgtttc g 671

<210> 4885  
 <211> 701  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(701)  
 <223> n = A,T,C or G

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 gagactgtcg tcaagggcaa gagcgctttg aacgcgcctc agcgccaagg tcttgttatc 180  
 ggaactgaaa agaagtacgc cactggcaat gctgcttcca aaactgggtc tattgaagg 240  
 cagcacctga ccaaggtcga ccgacgcgac gacatcatca agcccaagac tgttgggtac 300  
 caagtgcgag acgctatcaa gaagcgccgt accgaggagg gctacaagat gacacagaag 360

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ggctcagaca	tcggaaagga	gaagttccct	aagaaaaagt	aaattgacag	ggggtgagcc	540
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ctttcatgat	gtccccggat	gtcctttcng	ttgttacgtt	aatgcatttt	atttgtgcat	660
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<210> 4886

<211> 740

<212> DNA

<213> *Aspergillus oryzae*

<400> 4886

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gcccgtgagc	gacaagatct	tcgacctctc	cgtttctogag	aagttccttc	acgaccgtat	180
caagggttag	ggccgtgtcg	gcaacctcgg	tgacaagggt	gtcatctccc	aggtcggcga	240
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<210> 4887

<211> 530

<212> DNA

<213> *Aspergillus oryzae*

<400> 4887

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gttggttaat	attgatgagg	ggttcctcaa	tctcacgaac	caagatggga	cgatgaaaga	240
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agaagccccc	aagggttccct	aaagaggggt	tcttcagggt	tcgctgtgat	tgcctgaggg	420
accaacaata	ctcctccggt	ataatgcttt	tcagagaaaa	caggaaatta	cccaatttta	480
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<210> 4888

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 4888

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tttgttctct	ggccagctgt	gcaggttctt	aacttccgag	tcgttccaat	ccagttccaa	420
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ctt						663

<210> 4889  
 <211> 657  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
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 <223> n = A,T,C or G

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ccgtcaagg	tcgtgccaag	ggaggtggta	tccgtgtcgg	tgagatggaa	cgtgactccc	180
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<210> 4890  
 <211> 690  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

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cgtccgcctg	aaggaggaac	aactccgtcg	tgaggaggag	aaactccgcg	agatcgaaact	180
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gacgtaattg	aatttatggc	gcggcgggtg	tactcaatgg	ggttaatat	gattttctta	420
ttcacgttaa	taacttcggt	tgaaagggag	ggaagggaaa	atgcaacgct	ccgttaatcg	480
cgatgactgg	cgccattctt	ccctttccta	caaagagggg	ttcggacaag	agacgacgaa	540
nattgctgca	gttccccacc	tacttttcca	gctctcattg	atttcttctc	tggcttcatc	600
cattcggtcg	ggggccttgc	ctcgtttcgc	agcccgtggt	tgtgatgctc	gggggtcaaag	660
atagcattct	ttaatcggtg	acagttgtcc				690

<210> 4891  
 <211> 695  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 4891



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gctcgcggtc ctttcaaccc ctgcgtcaat ctttagttac actggttctt tgactttgta    60
tcagttctgg ggtgttcttt attcttcgaa ccaagcttcc cagctttcat catctgaccc    120
agtagagctc cgtctatccg agagctccta ccatcttttt gaattttccc cttctacact    180
tgctctccgg tcctttcaaa aacaatctga aacgatgggt agcaaaagga tagccaagga    240
gctagctgag ctcacggagt ctctccaga ggggtattacc gtcgagctag cgaacgagtc    300
ggatatctac caatggaagg tttacatgga cggccagaa gggtcaccgt accacaatgg    360
cagattccta gtcaagctca gtcttccac cgagtacccc ttcaagccgc catccgtttc    420
gttcgggacc aaaatttacc accccaatgt gaccaacgat gacaaggga gcatgtgtct    480
gggtatgctg cgggcccacg aatggaagcc tagctccaag atcgcggcag tgcttgagtt    540
cgcgctcag ctgctcgtag agcccatgcc tgatgatgct ggcgagggtc gtatcgaga    600
acagtacaag aatgaccggg ccccgatga ccgaaatcgc acgggagtg accaggaagt    660
atgcgatggc atagggtggt tctctagaag cgcca                                695

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<210> 4892  
 <211> 645  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

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<400> 4892
ggtgctgaag aatgtgcat ctgtagatac gaagactaaa attctcggaa tcgacagtag    60
cttgccatta ttctgtgagtc ctgcagcaat ggccaagctc attcatcccg atggcgagtg    120
tgctattgct agagcttggt gaaaccacgg aattatgcag ggaatctcca ataactctc    180
gtacacaatg gaagaactta gagacaccgc accttcggcg agcttctttt tccaattata    240
tgtcaaccga gatcgtgaaa aatcagccgc gcttctccgt caatgctcag caaatcctaa    300
cgtgaaggcc atcttcgtga cggttgatgc agcttgccg ggtaaaagag aagcagacga    360
acgtgtcaag gctgatgaag gcttatccgt accgatggcc ccatcgaaag caaagaacga    420
caacaaggga ggtgggctgg gacgtgtgat ggccggtttc atcgaccctg gattgacctg    480
ngaggacttg gtgtgggtac gacagcatat gcattcttct ggttgcttaa aaagcttgat    540
gtctgcagac gatgccatgt tggccatgga agccggcctt gacggtattc tacttagcaa    600
ccatggnngg cggaaccctg acactagccc tccttcogac attcn                                645

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<210> 4893  
 <211> 577  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 4893
tatggctggg ccgaattccg cagaggctc gtgcatgcta ettgtcacct agacctcaga    60
acctgtcgcc gtcccttttt actcgcatcg gaaccgcctc cttttccagt actagtatac    120
atcaattcaa aaaagccatg tccccatcaa acgatgcgac cagcgcgggc tcggatccta    180
gaccggtggt cttctttgac atagataact gtctttactc tagaaaatgt aacatccacg    240
atgaaatgca gaagctgatt catcaatttt tcgtgaaaca cctctccctc aacggcgaag    300
acgctcatat gctgcacaag aaatactaca cagagtacgg gctcgcaatt gaaggtctca    360
ctcgccacca caaaatcgat ccgcttcaat tcaacagcga agtcgacgat gcgctgccgt    420
tggacaggat cctgaaaccc gatccccagc tgcgcaagct gctcgaagac atcgatagga    480
gtaaagtgag gttgtggctt ctgaccaacg catatgtcac tcattggaaa ccgggtcgtg    540
aaattgctgg agagggatga ccagttcgaa gggctta                                577

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<210> 4894  
 <211> 649  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature

<222> (1)...(649)  
 <223> n = A,T,C or G

<400> 4894  
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 gaaggccttg ttaagcgtcg gaccccttgc aggggaatttg atgaagttat ccgccgccgc 120  
 cctggatatca ctgatagcca agttgcgaga aagagtcgct ttgagcttga ggattctaaa 180  
 gctcaacaga gccttgcaga gctatatgag actgatcacc tccgagctac tgatcctaac 240  
 tatgtggatc ctaagaatca gaagcttctg cgcgaacaca atgagatcag taatctatgg 300  
 aaagaaataa gctcacaaatt ggataccctc tcgaactggc actataagcc caaaacccca 360  
 cacgcacaca tcaacgttgt taccgatgcg gcaactatta tgatggagga tgcgcaacca 420  
 acagccggag gtgctgttgg tagtgcagca actcttggcc cccaggagat ctatacacct 480  
 ggggctgacg gcaaggcttc tggggaagta gttttgagga acggattgtc agtttccaaa 540  
 gaggaaatga ccggttaaga gaagtcaana tttacgggac aacacaagaa gccaaaggaa 600  
 acttccccca agcttaaaac ccgaaattcg gaagggattt tagggaaaa 649

<210> 4895  
 <211> 634  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(634)  
 <223> n = A,T,C or G

<400> 4895  
 atcgtccacc accactacct gctttctttc gaaggctcat actattccct cagtcgaaaa 60  
 ctacgattgc aggaaaggaa ccctacaccc accatgcgat tttccgcaac aactctcctg 120  
 atcaccgcgc tgggggtggat gaccgccgtg accgcacaca ccatccagct taaggctcac 180  
 tcgagagaat gctaccacga atcactccac aaagatgaca agatgacggt cagcttccaa 240  
 gtcggtgatc gggaattcgg aggcagtggc aatctggaga tcgacttctg ggtcgaggac 300  
 cccttgaaca accgccagta ctataaacia gctatctcct ccgaggacta ctcgtttgtt 360  
 gtcacgcgg atggtaaata tgtctactgc ttcagcaacg agggatggac ttcgaactct 420  
 aaagaggat ccttcaatgt tcatggaatt gtctacgtcc ccgaatcgga aatgccccaa 480  
 gatccttttg aggtggaagt tcgtcgtctt tcggaggcat tggcccagggt taaggatgag 540  
 ncatcttata ttgtggtgag agagcgggta caccgaaaca ccgccgagag cacaatgct 600  
 aaagtgaagt ggtggagtat cttccagctt gcgg 634

<210> 4896  
 <211> 969  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(969)  
 <223> n = A,T,C or G

<400> 4896  
 cggttctttg cggatcctgg ccccaacctt gcatcggggg ctttgtgttg gattctgcat 60  
 ccctcccggg aagcacttga actcactagc tatagctggg ggcgaggaat aaagagaact 120  
 tctgaaaaca gaactctaag cccacacttg gactacacgc ggggacattt atcgtttagt 180  
 tctggctcgtt caaaatggcg ttgccgaaaa gaatagtga gaggactgag cgccttatgg 240  
 cggagccggg ccctggtatc aatgctgtgc ctcatgaaga caacctgcgt tatttcgatg 300  
 tatcgatcca tgggccggcc caatctccat atgaagggtg tatcttccgt cttgaactgt 360  
 tcttgccga agattatcct atgactctc ccaagattcg attcttgacc aagatctacc 420  
 accccaacat cgaccgtctc ggacgtatct gcttggatgt cctgaagaac aactggtccc 480  
 ctgcgctcca aatccgagcg gctgtcctgc tcttctttcc ttcttctctt gacagttatc 540  
 taacagtcac tctttctgat tgtaccttct tcattccttc caccatgaaa gccaccatct 600

tagcgactat	cgctttggcg	gcatgcagtg	ccgccagccc	cttgggcagc	gctccccacg	660
cccaggccct	ccttggagat	tcatccaagc	cctgcgactg	tgaatcggat	catgatggca	720
gctcgcctga	ggtaccatct	gggcctggtt	cggagggccc	tgctcccgtt	ccgatgccgg	780
ttccagttcc	tgttcctggt	ggagagccaa	acggtccttg	cggagtccca	accgttcctg	840
gccttcctgg	tattcctggt	gttcctggtg	ttcctggtgt	tcctggtggt	cctggacacc	900
ccaaccaccc	tgaagaccca	gaggatcccg	aagatccctg	agatnctgaa	gacccgaggg	960
atcctgaag						969

<210> 4897  
 <211> 769  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 4897						
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accactttca	gattttcggc	accactaatt	gatccaacaa	acacctggcc	atttcattctc	120
agtcctttct	cgagcactca	cactcaaaaac	catgggatca	caacgggata	aagagctgct	180
cagagatgat	gttcgtgccc	ggggaacaaa	acttagtgct	gctgatcgtg	agagcctttt	240
gaaaccatac	ctaccagatc	cctcggagct	tccacttcgg	ccaccgcagc	ggcgcagaaa	300
aacatcgccc	aggaagacac	ctatccggac	tttctgaag	tcgcaactgc	accagctgac	360
ctacactctc	attcacattt	tctttggtat	tgctgctcgc	ctcgtccaga	gctatcatgc	420
cgctcgtagat	aggggtgttg	ccatcgtcta	ttatcaccac	cgcacccccg	aattgatcag	480
aaaggatgtg	aagaatttgg	atcgtttgcc	ggagcacttg	agtgttatat	tgctactgcg	540
gcaagaggag	gattctttta	cgattttaat	ggatgaagtg	gcagaacttg	ctgcgtggag	600
cgtcagtgtc	gggatccctg	tgtaagcgt	ttatgagaag	agtgggggtc	taaaatcatg	660
cattcccaca	ctgcaccgca	tcgttacaaa	caagctctct	gcgtattacg	ggtctttcttc	720
ccaacaacca	acgttgggtg	ttttgcccct	caccacctgt	gtatcaacc		769

<210> 4898  
 <211> 656  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(656)  
 <223> n = A,T,C or G

<400> 4898						
cgaatcaatt	gaagcccgcg	atcctcgaga	cgttcggaga	cattgctcag	gctatcggaa	60
cacactttga	cacatacctt	tctgtcgtcg	cccaggtcct	ccagcaggca	tcgatcgtaa	120
ccgccagctc	ggacgttaat	atcgaaatgc	tcgactacat	tgtttcgctt	cgcgaaggaa	180
ttatggatgc	ttgggggtgt	attgttttgt	cttataaggg	caagcctcaa	gtgacttccc	240
tccagcctta	tgttgaatct	atcttcacgc	tcctccacct	gatctctcag	gatctcaacc	300
ggagtgaggg	gctgatgagg	gcctcaatgg	gtgttcttgg	cgacatcgcg	gaggcgttcc	360
cgaatggaga	gtttgcggcc	ttcttcctga	acacctgggt	cacggactta	gtcagagaca	420
ccaganacaa	cagagacttt	ggcgcgacca	cagttgagac	tgctcgtggt	gctcgtgagc	480
aggtcaagcg	tcaggtcact	ctgtctacgg	ccgcagctat	ggcataagca	tggactctcg	540
cactcgcaaa	gcctttttatt	gcttttgtca	aaccacctn	ctcggagcaa	ggcgccttcc	600
aagcgcactc	aaagaagtac	gccgggaacc	actggctcca	attccatatg	ggaatn	656

<210> 4899  
 <211> 645  
 <212> DNA  
 <213> *Aspergillus oryzae*



[illegible]

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<210> 4903
<211> 594
<212> DNA
<213> Aspergillus oryzae
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<400>	4903						
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ctccggccag	attggcttca	tggctctgctg	caaggacgcc	aaccgcaacg	tgcgtgagcc		180
cgtccgcagc	tggactcgcg	aggaggagga	gcgtctctgc	cgctactaca	accaggatat		240
ccaccgggct	agcttcgttc	ttcccaactt	tgcccgtaag	gctttgaact	agattgatat		300
tggtcctttg	cacccttttg	aatgaaatct	gtttggggcg	gacgtgtgtt	tccatctaga		360
ggcgccatgg	cggcggataa	tcgatgatga	tttgatgatg	atgaatacaa	caagggtttt		420
tctcttttgt	tcttctttgt	ctttattaca	ttccctcctt	ttctgatgat	gtcgcactcg		480
ttctctacag	agacgggcag	tgttgtccat	gacatacagc	aataaaggat	aaaaagtatt		540
ttcgtatgnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnn		594

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<220>  
<221> misc_feature  
<222> (1)...(684)
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<223> n = A,T,C or G

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<400> 4904
catacctcaa ttgtctctgt ggtactagaa taaccctctg catatacaat ccaacatgcc      60
tatccccgtc cctcccgcca actccctgac cgacctcctc agcctcaagg gcaaggctcgt    120
cgtcgtaacg ggcgcctccg gcccccgcg catgggaatc gaagccgccc gcggctgcgc     180
cgaaatgggc gccaacatcg cctcaccta tgcctcgcgt cctcaaggcg gcgaaaagaa     240
cgcagaagaa ctcaagaaaa cctacggcgt cgaagccaag gcctacaaat gcgacatcgg     300
caacatggag agcgtccaga agctcgttga cgacgtgatc aaggactttg gacagattga     360
cgcccttcac gccaacgctg gtcgtaccgc tgacggcggc gtcttggagt ccattgcaag     420
gcgtggatgg aggtcgtgca aacggatctc aacggaacct accactgcgc taaggccgtg     480
gggccacact ttaagaagcg ggggaagggg caatttggtc atcacggcca gtatgtcccg     540
tcacattgcc aacttcccgc aggagcagac ctccataaat gtggctangg ctggtgtatc     600
cacatggcac gttcgtcgtg gaatgagtgg agagactttg ctcgtgtgaa cagtatctcg     660
cctgggtata tcgatactgg aatg                                           684
```

<210> 4905

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(672)

<223> n = A,T,C or G

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<400> 4905
gccgaccggg caagcttaga gcggatggta gtcgacttca tccttgatcg tggcgaaccg      60
aagcccgaag attatgcgct tgatatcaat tctatcacia acaagggttag ggagggagat    120
ttaacaccag ttctgagagc gtacgaaaaa gatctacgga ctccctttgt cggaaactgta    180
cgaggtgacc ttgtacgagc actccttgatc caaatccaga agacgaagggt agatgttgag    240
atcgcaattg gcggtattga cgctctactg aagagccagg aacttgtttt tggattcgtt    300
ggccttacac ctggtatcct ggtctcgtac gcgtctcttc gatggttctt ggatctgttt    360
ggcaatagaa agggctctgag gatgggtaga cggcaggatg aattaagaca tgcactgcgg    420
gctgctcatc gaacgttgat atcgctaata cctgcacctc ccggcgtgct cgcatacagg    480
gatcatggtc ttctgatctg tgacgctgag attttgctta agaaagcaga aactcttctg    540
agtgggacag agctccgcgc ctttcgagaa gatgtcgtcg accttatcaa ncagagaatg    600
gttgtccggc agcttganat tgttggcaga atgggttggg tctactcgaa atggatgaaa    660
tgatggagtt ct                                                         672
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<210> 4906

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(692)

<223> n = A,T,C or G

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<400> 4906
gaaggacggt gaaattctga gtattccatt tatcaagaaa tacattcaat acgccaaagtc      60
gagagtcaaa cccgtgttga ctaaggagac tgctgaccac attgttacca cctactcggc    120
tctgagaaac gatgaactgt ctggtaatca gcgcaggaca tcacctatca ccgcgcgtac    180
gctagagaca ttgattcgct tggctaccgc acacgccaaag tcccgtttgt ctaacagagt    240
tgaagaacgg gatgcaaagg ttgcggagtc ctttctgcgt tttgctatgt tcaaggaggt    300
tctcgaagac gaacgcgcta agaggagaaa ggttactaca ttcgacgagg actcggaaaag    360
cgagtcagag gaggactctg atgaggagga tactcccgcg caaactgcaa gtgccacccc    420
gcggtcaagc cggagaagcg gaacactgcg cactcgtgca gctgcgaacc gttccactac    480
tgatgaaaat gacgctgatg gagacgatgc ttcggaagat ggcgacggtt tatacagcgc    540
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aggtgctgct ggcgggcgcg agagaatggg tggcangttc gagaacgacg atctggcgac 660  
tctgagatgt acanacgttt ccgagttggc ggagaaggag aactccgg 708

<210> 4912  
<211> 679  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(679)  
<223> n = A,T,C or G

<400> 4912  
caatttgcca attttttagg ttaggcttga attgtcgtta tctactgacg atccattaca 60  
atttgcgttc accaaggagc ccttgattga agaatactcg gttgcggcac aaatctataa 120  
gtttagcgcg gttgatatgt gtgagctggc gaaacactca gtcttacaaa gtgggtttcga 180  
gctcgcctta aagcaaagat ggcttggcac aaactgttca gcggcaggag tctcgggaaa 240  
caatgttgca aaaagcaatg ttccagacat tcgagagaga tttaggcatg aaacctgtgt 300  
aggagagctg gcaactgattg gaagatatgt tgacagtctg agtacatatt caaaagcact 360  
acccctcaga ggccagttgc atcctagcgt gaccacggaa aatgagaaca atccaagcca 420  
tcctttgcgg aaggaggctc angtacagc atttctgcag acttctaata cggtgaatcc 480  
tcccaaatat ttacaaaatc agtctgagac caacgccgct ggagaggctt gcttcccaag 540  
ttccactccc ccgggtccca aatctagcga ggatactgga cccgaaacgt taccagaaca 600  
aaagatatcc ccttgatttg tgcacgaaag ggctcancgg ngtaatatgt tgactccggc 660  
attggctgaa gatgacang 679

<210> 4913  
<211> 672  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 4913  
cccgaactta ctttctcgtc accaccgccc tctctttttc ttttacctaa ttcccaggca 60  
attgcgcttt tctttcactt cctctttaac cgacataatg ttccgttcog ctggtgtccg 120  
ctctttgagg gcctccgtgc ctctgtccgt cagggccccg gctaccttc agatccgcag 180  
cgctcctgcc gctcaattcg ctctcgtctt tgctttccag ggcttccgtc tctactccgc 240  
tcctgcccgt cttacaaggg aggaagctga gggacggata gtcaaccttc tgaagaactt 300  
tgacaagggt tccgatgcc gcaagatcaa cggtctctct cacttcgcaa acgaccttgg 360  
acttgacagc ttggataccg ttgaggttgt tatggccatt gaggaggaat tcagcattga 420  
gatccccgac aaggatgccg atgccatcca cagtgttgac aaggctgttg agtacatcct 480  
tgctcagccc gatgccact aaattatgta atacgaagat ctgaatgatt ttgcgggtta 540  
gatagaaaag aaggggatgg tggcgtgcat ctacatgggg tctcagcgtg gaaacgctac 600  
ttgtatgctg atacatgccg gtgttgtttc accctattat atcgtgtata tcatcttaaa 660  
tgcaagttga tg 672

<210> 4914  
<211> 637  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 4914  
ctattcgatg tctatgatcc ctttccattg caattaaccc tctaagttga gcttcgaagg 60  
caatccgtca gtcattggcg gagacgagcc ctttttggct ccgcgcccct cctccgacca 120  
ctcctcgatt cggaatgcag aagaagagga cgccttacta acaggcgagc gcacccaccg 180  
tgaacagcaa cgcagcaaat gggccttctg gaaagacgtc ggtctctttt cctgggctgt 240  
cattgctacc attgccgtga tcgtcctcgc cgtgggtttac caacatgaga cgagcaaaaa 300  
ccatagcgcg aagcaacctt ggggcccccg aggcaagccg accggcaagc ggaacttgat 360  
cttcattggtc tccgacggaa tgggacccac tagtttgact atgaccagaa actatagaca 420  
attcacggag ggactgcccg tggatcagac actcgtgctg gatgaccaca tcattggtac 480

ttctagaacg	aggtccagca	acagccttgt	cactgattcg	gcagccggtg	ctactgcctt	540
ctcgtgtgcc	cataagagct	acaatggagc	tatctccgtg	ctgcctgacc	actcgccttg	600
tggaactgtg	cttgaggccg	ctgccttggc	tggtttg			637

<210> 4915  
 <211> 670  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4915						
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gtgagaatga	gaggtggtt	ctgggtcaata	tacaagacc	ctccatcttc	gactgccagc	180
tgctgaacag	ggacttgtg	aaggacgcc	ggatcagaga	cactgtcaaa	gaacactttc	240
tcttcttgca	gtactctaag	gacgacccac	gagctgcgc	atacctaaa	tactattttc	300
aagcgagcga	cgtctccgac	aactacccgc	atctcgccat	tgctgaccca	cgtaccggtg	360
agcagatgaa	ggtgtggtct	gggcccgtg	tggtgaaagc	cgcagacttc	ctgatgcagc	420
tgcatgaatt	tctcgaccgg	tacagcctta	accacaatgt	acggaacca	gtggccaagc	480
ggaaaaccgga	gaaaaaagag	aaaaagcttt	cgtgctcttg	accgaagaaa	gaaatgagtg	540
ggatctgcgc	atgagaaaat	ttccttgggg	gagataccct	ctccaccccc	caaaatttgg	600
aagaataccg	accattttta	ccccgagcgc	ttaaagacc	tataagggaa	aaggcccagc	660
aaccccatct						670

<210> 4916  
 <211> 638  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4916						
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agaagaaccc	caactatacg	tagatgcttt	gacttatttt	gcttcaagcc	ccaagattct	240
cgaagagggt	ggcgaggagc	tagatgttgt	tctcaaaccg	atcaacgatg	aggggtcat	300
gtcgccgctc	caagtcattc	aggcgctcag	caacaacgcg	gtggctacta	tgggcccggg	360
gaagaagtat	ctgagtata	acatcgagcg	agaacggaaa	gagatatcga	ctaactcgtc	420
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tagcaaacca	gttgttttcc	aagctcgccg	gtgtgcactt	aagtcttgcg	gtggagtgct	540
ggaccttctc	acggttcaat	ttctctgcaa	acattctttc	caccaacggg	gtctgaacaa	600
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<210> 4917  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

<400> 4917						
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gcaacttaga	actcgatggg	gtgtcggatt	cggaccgcgt	gactgtagcg	actatcagac	180
aggcattagt	ataattccgg	ttgaacgact	cacggaggcg	gatcggaat	ggatgctcac	240
tgctgaatat	ggcgggaccg	gaggcagacc	catcgagagc	ggcatgggtg	ttgaagagcc	300
agatatcgag	atcgggtgctg	gagtttcatc	caaagctatc	agcaggcgga	ttgcaactga	360
tacggggggc	aaacgggggtc	caatttcatc	ccgcacacag	caggaccgct	tccccgacc	420
agaccggggc	ggaccttcgg	ctagaatggg	ccctggcgcc	catgggtggc	aaccgatcgc	480



atttgaaggc	cggtcttgtc	tctattctct	tccgaggaac	atggcctcgc	cctggcgggtg	480
cgcggngegt	gctgggtggac	ctcttaaact	ccatgccctt	tgccaacgag	tatttgctgc	540
atgctcttat	gaagttctac	attgaagctg	agcacactgg	cacccatacc	cagttttttg	600
acaagttcaa	catccgtttt	gagatcttcc	agatcatcaa	atgcatctgg	cccaataccc	660
tataccgtgc	caagn					675

<210> 4921

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 4921

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gctgcccag	caaaaggccg	aaaaagtaca	atatctgcaa	aaaactctac	agaagccacc	180
tcgatcgagt	tggttcagac	ggggcaagga	gccccagtc	ggccgcgcga	tcgtcgctat	240
ggttggtgat	ggaattaatg	actcacctgc	tttgacggtg	gctgatgtgg	gcacgcgcat	300
cggatctggc	tcggatatcg	ccatctcgtc	cgccgagttt	gtcctggtct	cctctggtct	360
tacctctctc	ctcaccctga	tcgacctcag	ccgcctcgta	tttcgacgga	tcaagttcaa	420
ctttggctgg	gctttggtgt	ataactgtgt	tgccgttcca	gtcgccgctg	gtgtgttcta	480
tcccattgtg	agcaatggca	cccattgtacg	gctggatccc	atctggggcca	gtcttgcaat	540
ggcgttgagc	agtgttagcg	ttatctgcag	tagtcttctc	atgaggaccc	gacttccatt	600
ggttggtttc	agagctaaga	aataatacgt	ttgaagatat	ggaataccct	cgtgtatcaa	660
ggattatata	gattgccttt	gcatt				684

<210> 4922

<211> 1214

<212> DNA

<213> *Aspergillus oryzae*

<400> 4922

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gggctgatga	tacagatgaa	gctaagcgat	gcgaaacgac	agatataaat	ataccgcgac	120
ttgataaaga	aagcggtagt	atcgagcgga	tgctccgaaa	cgccgtacaa	gacatagcga	180
atgaagtcga	aaaaatcatg	aatcatgcga	ttgcaaagaa	aggaagacac	agagctgatt	240
tggtgtacatg	tcgaggttcg	tgtttaggga	aacggcatgt	tcaacctagg	ttgagcatat	300
cgatatctaa	gtgcagggcg	tacatattgc	caacctctca	gaagggaccc	ttaaattcaa	360
tgtaaggggc	cttcaggcaa	gtgatatgct	caccatcact	attgaagaca	tcggcttgaa	420
cagtgtattt	gcccggaggga	atctgttttg	gcaaatcgac	ctgcttggtc	aatgtcatgt	480
cacctgggtcc	cagaggacat	ttaagttcta	cgttgacgag	ctgttcacag	agatcggctg	540
tctgcctgac	aagagtgate	tcagcgaact	cgacgtttca	gtctccgccc	aacttgcggt	600
taaatcgatt	gattctcgtg	ttcacatatt	aaacaaatct	attcaaaatg	aagcaccttg	660
ccgcttacct	cctcctcgcc	ctcgctggca	actccacccc	ctccgttgag	gacatcaaga	720
gcgttctctc	ttccgtcggt	attgatgccg	atgaggagcg	cctccagaag	gtcatctccg	780
agctcgaggg	caaggacctc	cagcagctga	tcactgaggg	tagcgagaag	ctcgctaccg	840
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acgccccgcg	cgctgaggag	aaggaggaag	agaaggagga	gtccgatgag	gacatgggct	960
tcggtctctt	cgactaagcg	ccttcactcg	tgcgagcctc	aaaaaatatg	tgatatctcg	1020
tgggggaaca	gaaatctggc	agtcatttgc	agtattggga	ggaaaatggc	ccatttcggt	1080
caagtctggt	tgtttcagac	ttctctgatg	cagttacgaa	ttatgcatac	gtgagctgaa	1140
aaagctcctt	gatagccaat	acagattatc	tgacctccaa	aaaaaaaaaa	ataaaaaaaaaa	1200
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<210> 4923

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(655)  
 <223> n = A,T,C or G

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actacgccac tacgatgtcc caggccaaca tagccatccc caccgggtcc ctcatctctg      120
tgactgggtgc aaatggcttc atagcctccc atatcggtga tcaattttctc ggaagcggtt      180
acagagtacg cggaactggt cgatccgaaa aaccatggct agatgactac tttgccacca      240
ggcatgggtgc tggtcatttt gaatcagttc tgctaccgga actgggagac aaggagacac      300
tggtataaatt attggacggg gttgcaggtg tcgtacatgt ggcatcagat gtctccctga      360
ggcctgaccc cgaaattata tcaaaatccg tcgccacaac cttgagtgtt cttgaagcgg      420
cagcgaagca tgataccgtg actcgattcg ttctgacttc ttcagcttct gccgcttcgt      480
tccctcagcc tgatcaacct ggtattatca tcgactcana tacatggaat gacagtgccg      540
taagaagcgc tagggatccc agtggttccc tagcccagaa atcatacttc gtgtacgctg      600
catccaagac cgaatcanaa cgagagggcc tgaagtgggt aaagcagaac aagcc          655
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<210> 4924  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

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tcgacattgg aggaaatcac attctactcc aagaccgtca tcgaccaaga accctgggtc      120
aacgaccgga agtgtcttcc tatcccgtgg cgtccggctg agccaaaaca ccgactcaag      180
ctggctgtaa tgtggaacga cggcatcgtc actcccactc cgcccgtaac tcgtgcactg      240
aaagaaaacag ttgaccgact aagaaaggcc ggccacgagg taatcgactg gaaaccaaca      300
ggacacaagg aagcgcgaca gcttctacag cgcaagttcg tcgccgacgg aggttaagtca      360
gtgctgtggc tactggcgcc gacgggggag cctttccggg aggaaatgcg agattacgag      420
aaggcgacgg agctgggtgt tcatgagatg tggcagattc atcttgagcg gaatactctg      480
cagaaagatt atcttcacg atggaacgct agtgggaattg atgggattct ctgtccaaca      540
accccataca gctcgggtga gcacggtaaa tttgcatatg tgggatacac cgggtgtattc      600
aacatcctcg actactctgc cgnntttcttc ccttgcgggc tgaaggccaa taanggcgtg      660
gatgtgtcgt atcacgggca c                                     681
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<210> 4925  
 <211> 591  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(591)  
 <223> n = A,T,C or G

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aggtttctcc cattagcatt gctttcaact gtatctctga tctcctttgc ttcacacttg      120
cgtgttctcc cgatcttcta tccatacaac cagctttcca tccacttctg acaagatggg      180
tgactctgag atcaagactc ctgctgaatt ccaggaaaag gtcactgact ccaacgagcc      240
tgtcgtttgc gatttcttct ctacctgggt cggctccttg aggatgatta ccccagccat      300
cgaaaggctc agtaatgaga accagggcgt caagttctac aaggtagacg ttgatgggct      360
taacacggtc gcggccgact tgggtattgc cgccatgcct accttcgtgt tctttaaaga      420
cgccagcaa atcaaagagt taaccatccg cggtgccaac cctgggtggtg ttcagaacag      480
tgtgaaagcc ctgctggcat aaattgtctt cttctgaacc ttttgtcaac aaggttatcc      540
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gggcttncag gccatganc atactctggc tgncaaggct cggaacttcc ttgtcactcg 720  
attgcctttt t 731

<210> 4929  
<211> 632  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(632)  
<223> n = A,T,C or G

<400> 4929  
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ctgtcaccat gagcgacgag caaagggctc tgaatttctc taagttggac aaatatgtca 120  
ataaatatac gagtgccttc tggggccagt cattcgtaac ggaattgacg aggatatcta 180  
gccaatctgc ggagaaattc cagtctaaga gggcttccct gaccggcacg taccacgaac 240  
aagtgaacgg tgtagaatcc gagggatcgg cttgatcacg caccaaaatg acacctttct 300  
atactgtctc ctgtggcgta ccagaagagg aaacacaaat atgtgacgaa tggcttagag 360  
ctttttattg acggtctatg agcactggat ggcgtgaaat gttttgagtt tgctttgcat 420  
tggttaagat tctcggctac tcatatgaaa tatcataaga gggtaatat gtacttagat 480  
tcctgggtcc gggtcatgga tgggtaaaaa gttgaagtgt tgctgggtgta ctgtacaata 540  
agcgttctgt ctaagctctc aactcaacgt gtattaccat ccannnanan aannannann 600  
aaaaanaaaa aaaattcctg cgggccggtc aa 632

<210> 4930  
<211> 1134  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(1134)  
<223> n = A,T,C or G

<400> 4930  
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ggtcaagccg aagacaagac tcaacttccc gatgaatacc ttgagcttga gaagcgcgtg 180  
gacgctctta agttggttca tcagaagctc cttcagggtga cttcgcagta ctctaacgag 240  
gcttacgact acccacccaa catccgcgag tcattcaacg acctaggccg gaccatcggt 300  
gaaaagggtt agcttctgtc tcaagcttct tctcctgcgg aggccaggcc tgccctgact 360  
gcccctcctt cggccaagcc ccagccgaag acgttcaacc atgccattgc ccgcgcctct 420  
ctgtccggat ccagactctt ggcgcagagc tccaccggcg aggaccctct ggccactgcc 480  
ctggagaagt atgcgctggc ctccgagaaa gtgggtgaag cccgtctgtc tcaggatgga 540  
cagatccagt cgcgtttcct cgctgggtgg aacacgactc tcaacaccaa cctgatgttt 600  
gcggccaaag cgccagaaa cgtcgagaac gcccgcttta tgctggactc ggtcaaggcc 660  
agcaagaagg cggctgctag gggtgacctg gacaacctga gcgaggaggc ccgccaggag 720  
atcgaacagg ctgaggatga gttcgttagc cagaccgagg aggccgtgag cgtcatgaag 780  
aatgttctgg acactcctga gcctttgaga aatctggcgg acttgatcgc cgcccagctt 840  
gagttccaca agcgggctta tgaaatctc agcagactgg ctctgtggt tgatggtttg 900  
caggttgaac aagaggctag ctaccgtaag agccgtgagg gagcttagaa cacccttttg 960  
aatctatttc ttctttcact ctttcgttac gttcttcttt tggccaactg ttatgggaac 1020  
cgtcgggtta cgttgtgaac taccctttta tgcactgtga agatgtttat atcccccaat 1080  
ctatggatat gtangggcca tttgtgggct ctatggatgc gtaaaaaaaaa aaaa 1134

<210> 4931  
<211> 685  
<212> DNA

<213> *Aspergillus oryzae*

<400> 4931

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tctatagttc	actggtggag	cgcacctgcg	aagcttaccg	cgaggcgcat	atgcccgaagc	180
gagcttctcc	gtactgctcc	gaaacccttg	acatgaacct	ttattccctg	ccagcgctgc	240
tctttcagag	tcaattggct	cttgatgaag	agcgttttaa	tgacgccata	aacacgctga	300
atacagccaa	agagcatcac	cccgggtcca	gggacgtoca	atcactttta	cagaaggcac	360
atgtcttatt	gaagcgctca	aagcagaggg	actactacaa	agtttttaggt	gtcagccgag	420
atgctgatga	ccggacaatc	aaaagagcct	accgtcagct	tactaagcaa	caccaccctg	480
ataaagctaa	gtcccagggt	gtaacgaaag	aggaagctga	aaagaagatg	gctgctatca	540
atgaagctta	tgaaatcctt	tctgaccccg	aactcaaggc	gcgttacgac	agtgggtgatg	600
accccaaatg	acccgaatct	cacaggggca	acccgtttca	aggaaacccc	attggggccag	660
gaaggcggca	acactttttc	ttcca				685

<210> 4932

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 4932

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aaatgcccga	cgtcaccgcc	cactacgctg	atgtttccga	ccctaactcc	gtcaacgatg	180
ccctctccga	tattatctcc	aagcacggca	agatcgacaa	cctggtcacc	tccgccggat	240
tcacggaaaa	cttcgatgcc	atctcttacc	ctcacgaccc	tctgcaaaaag	ctttggggcg	300
ttaatgtcga	tggaacatac	cttttcgcc	ccggtgtcgc	caagcacctc	atggagcgca	360
aggttccggg	cagcattgtc	atgattggta	gcattgtctg	tgctatcgac	aacgtgccgc	420
agccccaggc	tccttacaac	gccgccaaag	ccgctgttcg	tcaacttgcc	gcgtacttcg	480
ccggcgaaatg	ggccgggtcac	gacatccggg	tgagctgcac	gagccctcga	tacatgctta	540
ctgccctgac	ccgcaagatt	ttggatgaga	acccccgatt	gcgggacaag	tggatctcgc	600
tcatccccac	cggcaagatg	ggtactcccg	aggacctgat	gggtcccgtt	acctttctgc	660
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<210> 4933

<211> 537

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 4933

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gcaccgagcc	cgatgtcttc	ttcgggtccc	tccagaacag	catgcaattc	ggcaaagccc	180
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atgatttcga	gcgcggtcag	cgaattgcgc	gccagcttga	agccggtaac	gtgtgggtga	480
atacacactt	tatggtgcag	cctaattgtac	catttgggtg	acacaagtcg	agtggaa	537



<210> 4934  
 <211> 631  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4934  
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 ctctttgtca agaacctcaa ctacaacgta actgctgagc aactattcga cctttttggc 180  
 aagttcggtc ctatcagaca aatacgtcag ggaattgcca acaactcgaa gggcactgca 240  
 tttgtagtat acgaagacgt ccacgacgcc aaacaggcat gcgataagct caatggattc 300  
 aacttccaga acagatacct cgtcgtacta taccaccagc cagagaaaat gctcaaactc 360  
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 gcgtattatc atgggttggt tgtgggggtt ctggcggttt agtcttatgg gttgcgtgac 540  
 tcttattcat ggatactact acaagggtgg ccgacgggtt gaatgatata ctctggctat 600  
 tgaccagaga aacgatacag gatgggatct t 631

<210> 4935  
 <211> 628  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4935  
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 agatgttgat caaagttcgc acccttaccg gcaaggagat tgagctggac atcgagcctg 180  
 attacaaggt gtcccggata aaggagcgtg tcgaggagaa ggaggggtatc ccaccggtc 240  
 agcaacgatt gatctttggt ggaaaacaaa tggccgatga taaaactgca tcagaatata 300  
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 tgtaaacacc taccttgagt cctgaatatc gtactccatc gtgattacga ttggagcgca 420  
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 ggcattgaact cagctcatgt atgttttcgt tcaactatacc ctggagatgg aagcgggctg 540  
 ttcatgtctg gctgcaagcg aatgggtgtt aatgtcaaga atgcttcctg aatccgcata 600  
 gcgtgtctgt gccacatgca tgtcgccc 628

<210> 4936  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4936  
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 tctgtagcca tccggacct catctgcgcc gtccccccgg tcatcatcac tccctcgact 180  
 ctccggggtt ttgcccgtc tcgacatggt ggattgcgcc acgcccgttc cccctcgctt 240  
 gccctccatt tcacgatatg tcaaaaagct gcccgacacg ctactggcgc tccaggactt 300  
 cccgttcgtc catctgagca tccccgcttt ccgttcattc cacacgaata ccgatccgga 360  
 tcgaattaat tggggttctt tctcggacaa tcgtctctgt tcgcggggca ggatgccaat 420  
 gcgacatgct tcgaagagga taatagcgtc cgccggcggtg cggacgtggc ctgttaactt 480  
 cttcatccac cttatgggaa ctgttttacg accccgtgac gggtgtaggt tttacctcca 540  
 tggatggct attatactga cgtactgtat gctttactga atttagctgc tggctctctg 600  
 tgatacaata tctcctttcg ggaccacgct gttttcttat attaagggtta cccttaactc 660  
 acttcgcgat tcgactcgcg c 681

<210> 4937  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4937  
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tgaagccagc gaggatgacg tgggtccgaga gctccgtaag aaggttgagt cggagctgcg 180  
attggattac ttggtcacgg gatcatggtc atcaaaggct agtcaggagg cgatccgcct 240  
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cggcaagatt gccgatgaat cgacatggaa gctgagcccc aagccccacca tgggtctacat 360  
gtgtgacaac gaaacggtag atgggtgtcga ataccccaac ttcccccaagg ttcttgagcc 420  
aaccggctcg gaggaggaac cattcgtggt gggagatttc tcttcaaaca tcctctctag 480  
acgtatccca attaagaatt attccatcgt gttcttttga gcccaaaaaa atctgggggtg 540  
tgccggagtt actggagtca tcatccggaa ggacctgctg gtctcgtgcc ctcccacgat 600  
tcttcgcaag ctccgacttg ccattgctcc cacaatcctt gactactgcg taaccgcaaa 660  
gaacaacagt ctctacaaca ctcttcagg 689

<210> 4938  
<211> 642  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 4938  
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gtatctatcc tgcgggttccg cagataatgc acacccaact gatattctct cattggctgt 120  
aaccaataag cagattttat cggtctctgg tgtctctgct ctcaagggtc actctactgc 180  
tgacctgat ttcccattag tacaatcgat cgatgaggcc cataaacttg ggtgccatca 240  
tggtgttaacc gatggcaacg gatcgagatc agtgagtgtt ggttttgggtg gtgagatcag 300  
ggtttggtcc tgtcatgatg gaaactggtc cgaaaataag acagtctcag ctggcaacgc 360  
aggatctact ggtgtttggg caattgcctt gtcaggcgat ggccagtatc ttgccgggtg 420  
aagccaagat gggcacattc gagtgtggga tttggatgcc aatggcgaaac aaatacgtta 480  
ctatgagacc aaaggtagct atggtagctg catagacttg tcagcagatg gccgcttcac 540  
agctagcggg catgagaatg gcagcggcta tatcttttagc acggaaacaa gtcgtatgcc 600  
cgttacctta ttaaggctaa tgaaaaccgt gccaaactggg ct 642

<210> 4939  
<211> 672  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 4939  
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ggccacctta ctggccgttc tggccggcct gtacaactac ctcaacgcgc gtctcgagca 120  
gttttacatc ttccaacctg gccagttgca tgacctctct cagcgtgcaa ttgctgcccc 180  
cggaaacgat actcgcgccg ttgtaaatta cattgtctcg gagctagatg agaagggtccc 240  
cgggaagccac ctgaacaagg aagaggaatg ggtgttcaac aacgccggag gtgccatggg 300  
tgccatgtat attattcatg ctagcattac agagtactcg gatatttttg aaaccgaaat 360  
cggtagcatg actgcactag ccggtaaatg cagatgatat cttcctaccc cttacggtaa 420  
tcaatgtgta tattctcaaa gatgttataa tccggtatca tacttctgct tatcaatact 480  
ccaccttccc catagttcca tcacgataaa cttaggttta tattctataa cacatcgact 540  
aaacctagct aagtcaatga cattattcag acttcaagta ccaccatacg acttaattag 600  
gattccgata actatgatct gctcatggtc tctaacatcg acgctgactc caataccaaa 660  
ctcctcctac cg 672

<210> 4940  
<211> 694  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(694)

<223> n = A,T,C or G

<400> 4940

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catcacagta	cccgcccaat	gaaccactga	aagatttccc	ctggagtggc	aactgtagac	120
ttaaagcccc	acaatggcgt	tcaacaaacg	aacgttttcc	atatattctc	ttcttcttgc	180
ggcaccgtct	ctcacaacag	ccttctactt	accgggtgta	gcacccacat	cgtacgatga	240
agggcaatca	gtgccgctgt	atgtcaacca	tctcaccctg	gggcttgctc	aacaggacga	300
gcaacttcac	tccgtgtttt	cctacgacta	ctaccacccc	gcttttctct	tctgcgcccc	360
agaaaatgga	cctaaatata	tacgtgaatc	gctaggaagc	attttattcg	gggatcgaat	420
tcaatcgtca	cccttcgagc	tctttatggg	caagaatgaa	acgtgcaagg	ctgtctgcaa	480
ggaagaggcc	aagttcgatt	cccgtagtgc	caagtttacc	aatcggagga	tcatacaagg	540
ctacaacttc	aattggctcg	tggatggact	ccccggcgcc	cagatcaacg	tggaatccgt	600
caccgaggcc	aaattctata	accggggctt	tgcgcctgga	tcattgaacg	acaatggaca	660
gggcggnttt	gattacccac	tttgatatct	ttat			694

<210> 4941

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<400> 4941

gtacttcttg	ttaatcatto	tttttttgtt	tttgttttat	tcctttctta	tcaaaatttg	60
cattctacgt	cttctgggaa	gacacatccg	ccaagatgcc	gattatgcaa	cctagtaatc	120
agattaaatt	caccaatgta	tcagtgggtga	ggttgaaaaa	agggaaaaaa	cgattcgaac	180
tcgcctgcta	caagaacaaa	ctcttagaat	accgctccgg	cgccgaaaaa	gatcttgaca	240
atgtcctaca	agtgcctacc	atcttctctt	cctgttcgaa	agcacaaaacc	ggcccgtctg	300
cggagatagc	caaaagcgtt	ggtgccaaaca	cttcgcgaga	cgagattcga	caggagatct	360
taccgaaagg	tgaaatgcaa	gttggtgaac	gtgaaccaa	ggagaacatc	gagcgagttg	420
agaaagaggt	ggtgggtatt	gtgattcggc	aagcttggtg	acccgaccac	taagcgaggc	480
taccgcgccg	ggatgaaatc	taaagcgggtg	gaacaattaa	ctccgcgaga	ggacaaaagg	540
cccagcgcca	agtcaaaaaca	acaatgggaa	accaaggggg	cctggagata	agatttgccc	600
ggggcgaact	cggaaagccc	tcttggactg	gtgttacacc	ccaaaaaggg	gggaaaaaac	660

<210> 4942

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 4942

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cccagccctt	gaggcagagc	ttccgcaagt	actctacgga	ggcccccaag	gccaagtcgt	120
tggctcctat	ctacactgct	gtcggcctta	ccggtctcag	tgtgggcttg	taccgctact	180
actacggcgc	tggcgctacc	gccgaggctc	ccgttgagcg	cgccaagggt	ttcactgggtg	240
gtgaccaggg	atgggtggac	ctgaagctgt	cggaaattga	ggtcctcagc	cacaacacca	300
agagactgcg	cttcgaattt	gaggacaagg	aagccgtctc	cgggtgtcact	attgcttctg	360
ctctcttgag	caagttcaag	cccgttggcg	ccgagaaggc	cgtcctccgt	ccttacaccc	420
ccaccagcga	tgaagaccag	ctgggctacc	tcgaccttgt	cgtcaagggtc	taccccaacg	480
gacccatgtc	tgagcacctg	cacagcatga	acgtcgacca	gcgtctttcc	ttcaagggcc	540
ctctccccaa	gtaccagtgg	gagactaaca	agcatgagca	cattgccctg	attgccgggtg	600
gtaccgggtat	cactcccatg	taccaggctc	atccgccaga	tcttcaagaa	ccccgacgac	660
aagaccaagg	ttacccttgt	gtacgggtac	gtcaccgagg	atgacatcct	nctgg	715

<210> 4943

<211> 689

<212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

<400> 4943  
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 tttccactcg tccagagaag taccttgagg aacttgaaac ttggaactat gccgaagagc 120  
 agcttaaggc ggccatgact aagttcaagg gcgatgactg gaccattgat gagggtgacg 180  
 gtgccttcta cggacctaag atcgacatca ctatcgctga cgctctcaag cgagagttcc 240  
 agtgtgccac catccagctt gattaccagg ctcccatcaa cttcaagctt gagtacatga 300  
 gcaacgaaaa ggccgacaag agccaagcgg ctgccgagtc ggccgagggc gagaacaagt 360  
 ctagecgagcc tggccctggc cgtgctcgtc cagtctgcat ccacagagct atcatcggtg 420  
 gctttgagcg gtttctggga atcttgactg agcacttttg cggcaagtgg cctttctgga 480  
 tcagccctcg ccagatcctt attgttcttg tcatgcctgc tgtgaacgac tacgtggaag 540  
 agctgcagac tatcttgccg ggtgatnagc ctgacgtcga cattgacatc aacggaaata 600  
 ccatgcagaa gaagattcgt actggacagc ttgccagta ccacttcatt ttcgtcgctc 660  
 gtgctcaaga gaaaggaagc tcgcactgg 689

<210> 4944  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4944  
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 cgccgttgag gccgcagcat acaagtcctt gggccccgag accaaagagc agtaccgtac 120  
 caagatccgc agtttattcc agaacctcaa gaacaagtcg aatccatctc tccgcatccg 180  
 tgtcctcagc aacgacgtga ccccgatca gtctgtgccc atgtcacacg acgagctacg 240  
 ctccgacgaa cagcgcgaga aggacgcaaa gatccagaag gagaacatgg acaaggcaat 300  
 ggtcgcccaa gcagagcgca gtatcagtac cagtctgcag tgccgcaagt gccgacaacg 360  
 caaagtcaca tacaccgagg cccagacacg cagtgcagac gaaccgatga ctttgttctg 420  
 tacttgtcta aactgcggaa agtcttgga gcaagtaact cttttttttt ttcgatcctt 480  
 actcttctat ttctctatct ttctccaatc tcttgtccca ttcactcttc caccctatct 540  
 cacccttacc ttctatagtt gttttatcga gtctgtccaa tttacgctac ggcggtggagt 600  
 tgggtgctta aaagaggctg tcaatctcgg gggaagcag gttgagcccc ccgagttt 658

<210> 4945  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 4945  
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 tcaacatggg ctcagtaggc aaattctcgg actctcagga gtaccagaag atcttccact 180  
 gggcggaaac acagaaggac ggtgaaatcc cctcctttgc cacacgccgg aatgaccctt 240  
 atgagtatca agctggattt ggtaacacat ttatctccga ggctgtgccc ggaactattc 300  
 cccacggaca gaatagccct cgtaatgtgc gctttgggct gtacgcagag caagtaacag 360  
 ccactgcttt tgtggccccg agacatgcga acaagaaagc gtggtcttac cgtgctcgtc 420  
 cggcggttgc tcatcangga ttcaaaaacc ttccagacaa ccccgacaca gaggccactt 480  
 tcttgccctt gaaccgcggg gttcacgtct cccaaccca gctggcatgg catccattcg 540

acatccccctc	caacgaaccg	gtagacttcg	tcgctggtct	gaagaccgtc	gctggaatct	600
gagacccgac	tctccgtgag	ggacttgcaa	ctcacgtcta	caactgcaa	acaagcatga	660
cccanaaagc	ctt					673

<210> 4946  
 <211> 528  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4946						
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cttaaaagtt	agccaaattg	acaacccatc	agcaacgtca	tactggcgac	aagcgtgact	120
ctggcgatat	atgtcagaag	aggtttgccc	agcgcggcaa	tgtccgtgcc	cataaaatca	180
cacaccatca	tgccaagcca	ttcacctgtc	tgttggaaga	ctgtgggaaa	caatttactc	240
agctgggcaa	tctcaagtct	caccagaata	agtgtcacgc	aacaacattg	cgggattgga	300
cattgaaatt	ctcccaagta	acaatagggt	accccatgag	cccgaagat	agaaagtgtg	360
gggaataact	tgccactctt	tacaagaata	gcgcccaggg	actgaagggt	cgtggaaagg	420
atcgtaggat	ctgccctacc	tctaggtcag	gacctgggaa	acgacaccag	accctaggca	480
acaatgacga	caagctgcaa	cgccctatct	atgaggaata	cggtctac		528

<210> 4947  
 <211> 680  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4947						
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agcaattaca	aacgcctgat	tacttccctg	ctcgaagagg	actgtcccag	ttttgactat	120
ggcggtttcg	tcgctcgggga	gtcagatggt	gaggcaaggt	tggtggggaa	agctaaggga	180
gtcgttgacg	gtgtcccttt	cgctcgatgaa	gttttcgctc	agttaggatg	cacgtgagtc	240
aattccacat	gacgttgga	ctggcctgtg	ccatgcgatc	gatatactaa	tgacaggaaa	300
gagtggaaat	gcacgtccaa	gaaggcgagc	ccattgaacc	tatcaaaccat	tgccgacacg	360
tgccgcccgc	tatccgcaag	atcctcctcg	gagaacgtgt	cgccctcaat	atcctcgccc	420
ggtgttccgg	tatcgcaaca	aaaagcgctc	cgctagttag	tgctctccgt	gcccacggat	480
ggagtggaac	gcttgcttgc	acccgtaaaa	ccacgcctgg	attccgcgtg	gtcgagaaat	540
atggaaatct	tattggaggc	gccgaatcac	accgccatga	cctcagttcg	ataacaatgc	600
tgaaagataa	ccacgttttg	gcttgtgcga	ataaccgtgt	ggcttatgat	gtgggcgggt	660
cccgggttga	accgaatcct					680

<210> 4948  
 <211> 1918  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4948						
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cttgagcgca	gaccctactt	tacgtgactc	gtacaacgaa	gtgctcacgt	ccaacgatgt	120
tgccgtttat	ggtggacttt	gcgcgcttgc	atccatggat	cgcaatgaac	tccagcgggc	180
cgtgctagac	aatagttcgt	tccgcaactt	cctcgagcta	gaaccccata	tccgcccggc	240
gatttctttt	ttctgcaatt	caaaaatttcg	gccatgtcta	gatatacctg	agtcttacca	300
aaccgactac	ctcctagacg	tccatttgca	acgtcacgtc	agcactctct	acactcgcct	360
ccgaacaaa	gttatccagc	agtatctggt	tcctttcagc	cgtgtcaagc	ttgacactct	420
gtccaagatc	ttcgctcccg	gagctaccag	cgggcaagct	cagcctatcc	actccaagtc	480
tccgttttga	caagaattga	tcggtctcat	ccaagatggt	accctggact	ctcgtattga	540
tttgaaaaag	atggtactgg	tatcaaatac	aactgataaa	cggacagaag	tgacaggaag	600
cgtgttgagg	agtttatcga	attatattga	tgaggcacat	ataagagtac	tgccgactaa	660
tattatccgt	gcaggactgg	aagtccgccc	attaggcgat	gagcagcgca	agcaggggca	720
tgggcccgaag	cattcacgac	cgccaacggg	gatgttccag	tgatcaagaa	gtgagagagg	780
atattacgga	gatagccagc	tatgaactga	attatgacta	gagacacggt	agaaaaatcaa	840
acagtttcgg	aacattgtgt	tttttcgggg	cgaacctgcc	ttccgtgcaa	gtggtaaact	900

gagatccggt	ttactgtcct	gtttatgtca	atctaggaat	gtgtggtgta	agtgtacttt	960
gaagcagatg	cgaaaaggta	aaaagaaaac	gggaatgaac	attctgtaaa	taagaattta	1020
agtaacctcc	aaataatacg	ctttacctcg	agcgcttgac	aagataacct	acaatgcccg	1080
ccaggagcaa	tgcaccattg	aatccagcca	tgatgtagaa	cggcgcacct	gaagacaaaa	1140
catcgaagag	aagaccacct	aacttagtaa	ggaggaggat	tctgcgccg	ccaaaaaagg	1200
agtatacgcc	agctatcgac	cccttcaa	gggacaactg	ttgctgtcta	tggttccttg	1260
gccttgcgag	cagtggctgt	cggctctg	cgctatccat	ttcgctagtt	cgagaagcac	1320
tatcctcggt	atatacttca	gtctcagcgt	cgaacgcctg	tttcgggatc	tcttggttta	1380
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ggctgatccc	gattaacctc	attatggcga	gtacactcgg	gttcctgctc	tttctgtgta	1500
aaatgggtgt	gtggagaaat	gtgaacgtgt	aatatatgat	gtcaccagat	atacaagcgc	1560
gtaggagaga	cacatagtgc	ccgggagagt	tatctgacca	gtgtccgaac	gcttgtgcaa	1620
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ggccaaaatg	gttgaatatt	tccggccctt	tgggtccggt	gttaatgcaa	gggccagga	1740
attgattata	gtggttgccc	aaaaggggga	ttaattatgg	aatccccaat	gattaggcgc	1800
gtggtacaaa	tctccgatg	tagcctatga	ggatgtcact	gtggcagcat	cctagaacta	1860
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<210> 4949

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 4949

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cgatggcggc	tgatcaacc	acaactacat	ccagctagct	tatcagctcg	ccgactccgt	120
caccggaatg	gcatactctt	tcttcggaag	ctgcattatc	ctcttcatca	tcaacctgat	180
tcttgccctc	agcttgctg	ccccggaaga	agacgagatc	atgggcattg	acgacgccga	240
aattggcgag	tttgccttat	actacgtcga	gattacccgc	gacgtgatca	gtgccgccaa	300
cagtgaagc	ggcgagaatg	cttccaagcg	tagcttgact	ccaaccggca	acgaaacgac	360
catagaggcc	aaggcttagc	cgattacttg	tctatgattt	ggccttcaaa	tctctttctg	420
caacttttat	ttctttatat	taatcatcgt	accatcgtgg	aaggctcgat	ggtagctgtc	480
accttgatag	ctcgcgacga	tacgtttgta	tatacttatg	cacctactca	atcttttcaa	540
gattccttgt	tgcaatttca	tacaatttca	cttgccatt	ggaaaacaga	tatggtacta	600
ctgttttgtc	cgagctttaa	tgcacaagct	cacttctgtg	gacctcattt	ttacctt	657

<210> 4950

<211> 709

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 4950

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ccaattgcag	cacgagggcc	caaggggggt	tttttgaaa	ccataaattc	gaaagctcat	120
acccggagtc	taccacttcc	ccaatctaca	ctctatactc	ttctcaatac	taccttgata	180
acgcacacgt	aaccacaaat	atgcaaacc	tctccattct	cactaccctc	ctggtggcga	240
cctcctccct	cgtcctcgcc	aatcccacca	agcccgtttg	cggcacctgc	aacctctgt	300
cgggccaaaa	caactgcgac	atcacgactt	cgtgcatcaa	cacgggcacc	cggttccatt	360
gcgcctgtca	cgcggtgtac	aaggcgtcga	aggacaacaa	tgatatcacc	aagcagttcc	420
ggttgaacat	gcccgaattac	cagttcctgg	tctttactcc	ggagtcgact	gtgtgtaata	480
cgctctgcga	taaccgcgtac	ggagcgagcc	cgaattttgtg	tgccgaggtg	ccgattcaga	540
atangtgcca	ggtttangag	atgcatcaat	agattatggt	tgggtgggaat	tgggtgactat	600
gcaagtagat	aatgggtggt	tgaagggtgt	gggagcgtac	ttngtcngta	ctttgatatg	660
catggcctgt	tgcaagggtta	atctacattc	cttttctgtgag	cttaacgcn		709

<210> 4951  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4951  
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 gatgccccag cccgacaaga tcaaggagat gctgtctcag cagatccaag aagagggcct 180  
 gagaacttac cttttcacat atgtctccctt ctacgacagt ctctctatct ccaccttgct 240  
 aaacatgttc gagctgtccg agaagaagat tgccgccatc atcagccgta tgatctctca 300  
 tgaggagctc gccgctgctc ttgaccaggt caacgatgcc attgttttcc gcaaggggtg 360  
 cgagctgtcg cgtctccagt cccaggttgt tactctcgcc gacaagtcga tgaaccttct 420  
 ggaggccaac gagaagactc tcgagcagcg cactcaaggc atggccaacg ctttccagcg 480  
 cgatcagggc gccggcgccc gtggaggccg tggccctgga cgtggaggcc aagcccgtgg 540  
 tggacccaga ctgcctggcg gccacaagg tcgtcgggcc cgcgacagc aattcagcgg 600  
 tgggtgcattg ggcgagcga tcaggcataa aattgtttgt aatggcatcc cttttgtttt 660  
 catgggtcta aag 673

<210> 4952  
 <211> 628  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(628)  
 <223> n = A,T,C or G

<400> 4952  
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 gagtgctgat accaagagca aatggacgcc gaaatcactc attcgacatg ctgagcgctc 180  
 ccatagtgcg ataccgggag ttcgcaagat cccttttctc gctcttgcta tcatattatt 240  
 cattgcattt atcaatgtag cggatggat tgcggttgct gttgttctgc gttactatcc 300  
 gtctctgggc tccaatgccg tcctcgcgta taccttangg ttgaggcatg cctttgatgc 360  
 tgatcatatc tcagctatcg atttgatgac gcgtaggctg ctggccacgg gccagaagcc 420  
 cgtaaccgtg ggaacattct tctcccttgg tcaactcaacc attgtcatcg tcacatctat 480  
 cgttgtggct gccactgcag ccgccgtgtc atcccgttt gacagcttca gtactgtcgg 540  
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<210> 4953  
 <211> 714  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(714)  
 <223> n = A,T,C or G

<400> 4953  
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 aagcgaatca tccgatgacg ctaactgtcg tgactggcgc cgtggcgata aagcgggaaga 180  
 agaggcccg ctaactatcac tgtttgctga tcatccagat gcacctctct cgatacatcg 240  
 atttgtcaaa tatggtgccc agtcatgcgg taaacaccct ggggagtggt ttggaccatc 300  
 ggcaaccgct cgatgtatag aggtctctc agcacaatgt ggaaatatag caccagagat 360  
 atatgtcaca aacgatactt cagacgtcta cgaagatagc ttctccgtg tggctcgcag 420

tggtctcgggc	agtattcaac	ccacactgat	acttctaggg	actagactgg	gaattgacaa	480
cgtcacgcc	gtgtactggg	acggactgaa	ggcggttttg	caattgccac	agtcggtagg	540
catcgcagga	ggtcgtcctt	ccgcgtctca	ctacttcac	ggcacgcaag	gccccgattt	600
cttctatctt	gatccccata	ccacgcgccc	cgcagtncca	tacagcatcg	atggtagact	660
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<210> 4954

<211> 1395

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1395)

<223> n = A,T,C or G

<400> 4954

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acatcatggc	tcacataaac	gttcggtggg	gtatcatggc	caccggctgg	attgcaagtg	180
tcttcgtaag	ggacctcttg	aaagacccta	atgtccgagg	tgcattctgat	gtctcccaca	240
cagttgttgc	agttgcatca	tcttctctta	agtcccgtgc	agagggtttt	atctcggata	300
cgggcattcc	tgtcccttgc	gctgcctacg	agtcctatga	ggacctcgtg	gccgacccaa	360
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cattccctgg	tgatggaaag	ggcatgtact	gggaggcgga	cgaggtcgca	cgggtgcttg	1140
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gtctacccta	catcgttgta	agaggcggn	tgtatcgtgt	ggtgaacaat	cattgctttg	1320
tcacaaacgt	gtaaatatct	ttagtaccaa	cgatcataca	aataacatgt	actagaggta	1380
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<210> 4955

<211> 1045

<212> DNA

<213> *Aspergillus oryzae*

<400> 4955

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tagacatact	cactatgggtg	gcttttggga	ttttacggcc	gatttaacgt	tcaaggatac	240
tgcgtatacc	actgagtttc	ttggtgcaca	tacagataac	acgtatttca	ctgacccggc	300
acggcttcaa	ctgtttcatt	tattgtcaca	taccgacggg	gatggaggcg	cgagcttact	360
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gctagcagca	acgccacagc	cgttccattc	aagcggcaat	gaaaatacct	gcacccagcc	480
tgagagca	atgcccattt	tcaggatcca	cccgcagttc	aattacctgt	accaaaccg	540
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gtacaatgca	gcccggcact	tcaacgatat	cgtcacacgt	gagaaaatgc	agatatggac	660
ccagctagag	ccaggaacag	cacttatctt	cgacaactgg	aggatgcttc	atggctcgctc	720



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actttgatct	aagctctgcc	ggaaatgggc	attgaaatgg	gaagttgcct	ttttttgggg	960
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<210> 4956

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<400> 4956

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aaagtgctat	ccttcactca	aaactggaca	cgaaacctcc	gacgatagta	agcagcaatg	180
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tggcttgat	cggtcacaac	aactcccgcg	tcaataatgc	cataatgcgt	cagttgcaaa	300
gcttcagcta	tatctacgct	ccattcttca	cgagtaaggc	gtcggaaaag	ttggccacgt	360
tggttatccga	atcgacacaa	aatcaactat	ctaaagcttt	tattgtcagc	tctggtaccg	420
aagcgattga	ggcggcatta	aaaatggcac	gtcaataactt	tctcgaacta	ccaaaccggg	480
aaccgtgcag	aacccgattt	atcgcccgtc	agcagagcta	tcatgggaac	actcttggtg	540
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<210> 4957

<211> 724

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 4957

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acaaggagtt	ttcgggacat	atgaaagatg	ctctgcttca	gatgctgcgt	ggcgcattgg	180
atccagccat	gcgggatgcc	gagttattgg	aggactgcgt	taaggggatg	ggcactaagg	240
acgtcaaatt	ggtgagccgc	gttgttagga	tacactggaa	tagagcgcac	aaggaccagg	300
tgaagcgtgc	ttaccgtcat	cggtatggaa	aggacctgat	cgaagcgggtt	cgcggtgaga	360
caagtgggtga	ttaccagagg	ttgatggctg	ctctactgga	gtaaaccctt	tcttttgctt	420
tatgattgta	tgaattaatg	gtacgttggg	tacggtaaag	gtcatggcca	gggctgggtg	480
gttttctggt	tcctttacat	gcgtcaactt	tctattattg	tttaataagt	gtaactcttg	540
agtgatacca	ccagatgcat	gttctcaatg	ttttaagcgg	gttgggttcng	tttactatg	600
ctccaactag	ttaactgatg	aattatcttc	gcataatttg	ttgaggaaaa	ataaaaaata	660
aaaaaaaattc	ctgcggggcg	tctagccttg	ctttaaaggg	ccgcatttgt	aatttggttat	720
gtcg						724

<210> 4958

<211> 709

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(709)

<223> n = A,T,C or G

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gtcgcgatgat ctctgaagga tacgtagcga acggtgccac tgtttacatc tcgtctcgtg 180  
atgccaaaggc ctgtgagaaa gccgtaaacg agctcaatgc gctcggcaaa ggaaaggctc 240  
acgccatccc cgccgatttt taaaaagagg aggatgttaa gaaattagct gaggagcttg 300  
gaaagcgtga gagcaagctg catgttcttg tgaacaactc cggatcgaac tgggggtgctc 360  
cttacgatga atantcctcc tctgcttgaa ctanggttct cactctgaac ctncaccgag 420  
tcttcgatct gacgaggctt tgtaccccc tgctggagaa ggcagctact tcgggcgacc 480  
cagcccgcat catcaacatc ggtagcatcg atggtctttg agtcccagca ctttgagacg 540  
ttngcttata gtgcttgtaa gggccggctt gcatcatttt gagccgaatt ctttgcaaac 600  
caaccttggg aagaagaaac ataacatcaa aattcacttg cttttgccgg cccctttgag 660  
aagtaagaat gaatgcctgg tacccttgga aacatatatc gggagcaaa 709

<210> 4959  
<211> 644  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 4959  
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gtatggcgag ttgacaatat catctcgtcc caaacggctg cccaccgcg tgctccgacg 180  
gcttgggggtg acgggggggccc ctgcaatact ttgcgcagtg ggcttctgga gagctctctt 240  
tgcgaccatg ttgacctcgt tcggcaaaagc gacaatgacg ttcttgtaga aaccaaatcg 300  
gaagtgtgtc gccatgacct cttcagagta ccgcttgatc gtgtaaggat ccttgcgctc 360  
agcaagcacc ttcttcatgc tccatgtgac gatgaacgga cccgttgccg ggatgatcga 420  
cgtcttttgt gaatcaaccc ccgtattaaa acgagcttgg gtgaaagcga gagggttctt 480  
gggttcatgc cggaactggg caacatgtgc ttgctggaga acaaatacga cgaagttggg 540  
gcgctggaat ctttggcgaa cgaacgcttg aaaccaagct tggcttctgt cttgcctttc 600  
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<210> 4960  
<211> 665  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 4960  
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atcgagttat cactatcgctc aattcgtata agaatcgaaa ggcgcagttc cactacgagg 180  
agaagccact ggtatcgaca tttgaagggtg tcggcaacgc tgggtgactgg ccgaatatca 240  
aggccgctac aggttggttta tttatcccct gctggacaag tatgggacca gctgggtatac 300  
gcaatgtttt aaatgatatc gatgggtgctt tttagctggga tgcttggtgca gttgggtgcag 360  
aagacaagaa ggtgacaaac gacctggaat ggatgaaagc tctctcaggt aaacctatata 420  
tgatgcccgt cgctccctgg ttctacacga acctccctca atggggaaaag aattggctct 480  
ggcgtggaga tgatttatgg cactatcgct ggaagcaggt cattgaattg caaccgcctc 540  
ttgtccagat cttgagttgc gacgactatg gagagacgca ttacatcgga ccagtctaag 600  
aggctggagt gcctgaacgg gcttcgcatg atatcgcgaa tcaacctcac gatgcatggc 660  
gaact 665

<210> 4961  
<211> 678  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(678)  
<223> n = A,T,C or G



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<400> 4964
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ctcaggccga ggcccgcaag cacaagctca agcaacttgt gcctgctccc cgctccttct 180
tcatggacgt caagtgcgcc ggctgcttca ccatcaccac cgttttctcc cagccccaga 240
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gtctcactga gggctgctct ttccgcagaa agtagatgtc acgatacacc aggctggagc 360
gatgatgaaa gacatgtggc gtttttcgat ggattaatct aatctttttc ttgagcaaaa 420
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ttcgaaggga aatgagaagt acccaagcag ggcagccat ttctattacc aagtttccac 540
caaaaagcgt acatggaggg agttccggat atctggcaat gatcgggtcca tactatatca 600
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tgggggatcc gtacgacaat atcttctccc gacacctctc ccgtcatgga aggatatgac 720
gggtggatcc caccatgggg catatctgca tgagcgttgc cggttgattc acgtattcgg 780
atgtcatggg aatgagtgtg gatcctcccc tatgacgaag atgaataact ggttgctggc 840
attgctagga cggcggatgt gactacgggt gaaacttgga tccagtcagg cagatagcgc 900
tggtttttgg caggatgtag aaatacggtc ctggtgtaag ctagcctatc tgaccaggac 960
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<210> 4965

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(634)

<223> n = A,T,C or G

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ccgtcatcat ggctgacgga gtattgaagg cggagaagga cttctccaag gatgctgaca 180
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tgctcggact ggagaaacaa gcgagacagg cctctgacct cccaactaca tcccgcttc 300
tcgtcacgat tgtaaccctt agcaaaaact cgggagactg gaaccttctc aacgaccaag 360
tctccttct ctccaagaag catggccagc ttaaacaagc cattacaaag atggtgcang 420
tggtgatggg attcctggat gagacacca acttgggagt tgaagttgtc tgtcatccag 480
acctttcgga ctgtgactga tggaaagatc tttgtcgaag tcgaaagacc ccgcgtcacc 540
cgcattcctg tcaacatcaa gaaaatctca agggcgatct caatgcccgc cggatgatatt 600
ctctgcggaa ctgcaagttg agacattcgg aatc 634

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<210> 4966

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

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<400> 4966
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tctcgcgagt atcgccccgc tggttttcggg tcattatgtg ttttcgaagt tgattgtcga 180
cggacagaca accaaggatt tcgaatacat ccgcgagaat agcaatgggt accaaccaac 240
actggcttct gaaatcgtga acaacgactt ccgctgcaac aaagggttcca tggactctgc 300
ggccaagaca aaggctctata ccgtcgctcc tgggtgcagag atcggttttc agctcgctta 360
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tgtcaagacc tacgacggat cgggggattg gttcaaggta taccaggagg gtgtctgcga 480
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gtccttcaag atccccaagg gtactccgcc ccggcatatt ttggcccggg tgacacattg 600
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gtttggatcg gccttcccg gcccctttt 688

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<210> 4967  
 <211> 695  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(695)  
 <223> n = A,T,C or G

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 ccccaactgat ggaaattacg ccgatgaact cgacgttgat gtcctgattg tgggtgccgg 180  
 cttcggcggt atctattctc tgtacgaaat gcgaaagctc gggctcaaag ctgtcatcta 240  
 tgaagcggga aatgatattg gtggcacctg gagatggaac tgttatcccg gcgcgggtgt 300  
 ggactcggag gtgcccgagt atcagttatc gatcccggaa acctggaagg actggacgtg 360  
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<210> 4968  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4968  
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 ccccgagctc gatagctcga acccgtcatt cacccgagt ccttctcttt attctattcc 180  
 ctctccagtg agcttaacga caggtcgctg gcaagatgcc cgacgtcaag aggaatgtcc 240  
 ggctgatcac agaacagcat gttgtaaaca aagattcggg tgttgaaggg tccccctcc 300  
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 tcttcgacaa ggtgacgtat acacttcac ctagtttcgg ggatcggggc attcaaacct 420  
 tcaagaacct ccggttcagg atctcagaag aaggatgggg tgaattcgac atgcaaatca 480  
 cccttcacgc cgacaaggat cattacgtga cacacgacct caactttgca cagacacgct 540  
 acgagtccaa gcacgtcatc acatttaaaa accccaagcc tgccttattg gcagcccttc 600  
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 gcgaagaagg atcaaagaag aa 682

<210> 4969  
 <211> 796  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4969  
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 gcccttatcc ttgccgatga tggcatcgag gtcaccgccg acaagctcca gactctcctg 180  
 accgcgcgca aggttcagga agttgagccc atctggactt ccatcttcgc caaggctctt 240  
 gagggcaagg acatcaagga tctcctgacc aacgtcggct ccggtggtgc cgccccgcgc 300  
 ggcgctgctg ccgctgctgg tggcgctgct gccccgcgct aggcgcgcgc tgaggagaag 360  
 aaggaagaag agaaggagga gtccgacgag gacatgggct tcggtctttt cgactaagcg 420  
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 tcgccccgcg atttcttgta ccccatacta cgcgaccgca cgatgaccaa aaagggaat 540  
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<400> 4972
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cttggttgatc ttgctgtggc gtggtattag caagtccgca tcggagatgc aaaattttcta      180
ctgttacgga cctcccaagt cgccaatgga tatgagtctt aacgaaatgg ccgaatggaa      240
tgcccatatg caaaccgccg tcgtctataa ccaccatgac cttatgaag tcaactcttc      300
taccattcac aacattgacc tcaaccccat cggtcttagt gctcaagctg tcgcaaacgc      360
tgaacgagtg ctcatcctga cgccgctgag agatgctggc ccatatctgc aaaagtactt      420
cgagctcctc tacaagctgt cctatcctca tcaccttata gacttggcct tcctcgtcgg      480
cgactccaag gatgacaccg aaagcctcct cgtctctgag ttgaatcgga tccaggaaca      540
gggcgacaag gttgcgttcc gcagtgcgag cattatcaag aaagacttcg gggccgatgt      600
gaacatgaac gttgaggatc gacactcctt tgccgctcan ggtccgcgcc gtaaggctat      660
tgggcccggc cgtaactatc tgctctnact cgccctgaag cctgatcatt cttgggttta      720
ctggnagaga tgtggatatt gtcgacagcc ccagagaccc att                          765

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<210> 4973

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

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<400> 4973
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tccagcttta attcgtggaa agtgactcaa gatgactaca caggagcaga aagccgatat      120
ctggtcagcc gatgtttacg gcaacaaagt ggccccattc gttgcaactt taacagagaa      180
gattgtttct tggctcgatc ctaagcctac agatgaagta ctcgatgtcg gctgtggaga      240
tggcgtccta actgccaaat tagcccccca tggttaaact atcgttggcg tcgacgcctc      300
accgaatatg atagagcact tccagaaaac atatcccat attgaatcct gcgttgaggga      360
ctgccgacat ttggatcaag tgccagtcct cactgagggg aagtttgaca aagtcttctc      420
gaacgctgcc ttacattgga tcttacacga ccccgaaacc cggtcgaaca cgatcaaggg      480
ctgcttcaat gcgcttaagc caggtgggat tttcgtgagt gaatcgggtg cgctcggtaa      540
cgggtaccgag gtgcatgcgg caatcgtcag tgctctggtc attccaagca ttccttggtga      600
aaaaagcccc gcaggttcgc cttgggggggt tccttcccag aagctttgaa a                          651

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<210> 4974

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

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<400> 4974
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cttatgtcca ctctcttgct gttgcgttac agtcggcagg ccatgtggtc tccgtagtcc      180
tcccacatca gcaacgatca tggatcggta aagcccacct aatcggcgct gccgtgaagc      240
ctacctatct ccgtcctgga acgctgcacg aagacgatgg aacgacgcac gacctgcctc      300
ggggaagtga ccctgctgac gatgaagacg acgatgggtg tgaatggatc ctcgctgatt      360
ctaccccagc cagctgtgtc cagattgggt tataccacta tttcgaggac cgtggccctg      420
ttgacctagt ggtgtcgggc ccgaactacg gccggaattc aacggcacta ttcgccttgt      480
ctagtgggac aattgggtgg gcgatggagg gagctgtctg tggaaagcgc tcaattgcac      540
tgtcgtacgc ctttagttca agggaccacg accccgttgt gattgccgag gcacgcgcc      600
attcggttcg gttgatcgag taccttgcaa agaattgggc ggacgggtgta gacctttaca      660
gcgtcaatgt accgttgga cctggtgtga gccagagcaa gggctctctat actgacatgc      720
ttgataaccg an                          732

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<210> 4975

<211> 710

<212> DNA  
<213> *Aspergillus oryzae*

<400> 4975  
 ggtatcacgct atcgccactg ccgacgacgc atctactatg cactgccaga acacactgcg 60  
 attagatcct atttgacccat cgcaatggac gagaaagacc tttgcagcaa tcggaagata 120  
 cttcaggaga cgctgaaaaa gaaccccatc tccagctcct ctacgaaacg caagacatcg 180  
 ggtcgggaag gtcaaaatgg tgttgtaaag aagcgaaaca cggaacacgt cgaagggaaa 240  
 actaaatctg aacaatctca tatatcgaaa aagaggaaga gaatggccga caacgctgct 300  
 gaggggggcg aggatgacgt acaggaaacc gtcttgaaat ccatcaccgg gaagaattct 360  
 actgcctcgc ttgcccgcgc acctgacgtg aagatttoga aggccaatga gggccgggtca 420  
 ccgactgcgg aactaggtaa atatgttgcg atggactgcg agatgggtggg agtcggccct 480  
 aaccccgata acgactcggc tcttgccgct gtacgtatcg tcaacttcaa cggcgaacaa 540  
 gtgtatgact cctttgtacg accgaaggaa atgggtcacgg attggcgaac gcatgtgagc 600  
 ggcatattac cgaagcatat ggtggaagcc cggctccctcg aacaaagtca aaaagatgtc 660  
 gcagagatta tggatggacg aatactcgtt gggcatgcct tgcggaacga 710

<210> 4976  
 <211> 676  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4976  
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 ccgtgaccag aagcgtcaaa ccgagaagaa gaacgccaac gctcgccgca agcgtaaggt 120  
 tgaggacact gctcgtctcc gtaagctcgt agacgactgt gctgctcagg atgagcgtat 180  
 taagaagtgc cgttaaggctg ctcgtgccga caaggacaag aagcgtctcg agaaggaagc 240  
 cgaggctaag cgtctggctg aggagaagga gaaggctcgt ctggaagagg agcagcgcaa 300  
 gaaggatgct gaggaggccg ccaaggctga acgtgagaag aacaagaagg ccaaggaggc 360  
 cgctaagaac gctaccaaga agaacaagcg tgttgtaag ggctccgtca aggaggtcaa 420  
 ctacttcgct gatggcgagg cttctgcttc tcaggctcgac tccgtcctga ccgacgttga 480  
 gcttatcatg agcaagattg atgccgagga gcttgccggg ctggctgagc gtcttactgc 540  
 tgctggcaag gatgctgctg ccgtcaagaa cgtttacgct gaggagtcca agaggctggg 600  
 tggcgccggg aagctcaagg agggcgagac caagaacttc tagagtactc atctagaagg 660  
 tacgactttg ttatgg 676

<210> 4977  
 <211> 735  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 4977  
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 gcccccaatc ggtgtgctac tgttgtcgtg gcttcgccag cagttctcct tcgttcgccc 120  
 gacataatcg atgggtcccag atcaaacatg acaaggcaaa gaatgacaag gcgaaaagta 180  
 aggagcgcca aattatcggc aaggaaatca gtacgcgcgac gcaaatgtgg ggagcggata 240  
 ccaagttaa tctcggctg acccttgccc tctcgaacgc aaaacgagcc ggaattccaa 300  
 agaccgtgat tgaggcagca attgcaaggg gccagggtat aagtgttaact ggcgaggctc 360  
 tcgagcaagt taccatcgag gctatactgc cccattccgt tgcagccggt atcgaatgtc 420  
 aaactgacca gaaggcgcgc atcttgcaag atctccgcta tgctatcaaa gatgccgggtg 480  
 gaaccgtcac tccgactacg tatctctttg aaaagaaggg gaggataata ttcgaaaaga 540  
 aagacggtct aaatccagat gactatcttg atcaggctat tgaagctggc gctatggaca 600  
 ttacggcaga tgaagaaggc cgtctcatcg tgttcacaga gccaacagaa acaaagagtg 660  
 tgggtgaagc ttttgacaag tcatctcagc tcacaattga agaaatagaa ataanttgga 720  
 tccgaaccga gacac 735



<210> 4978  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4978  
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 gtcattctcat attacgcccc gctcgttttc gaatccgcgg ggtgggcggg ccgcgatgcc 120  
 attttgatga cgggcatcaa tgcaatctca tacttgcat ctacggttcc tccatggtac 180  
 cttggtgatc gctggggaag gcgaccaatc ctcccttcag gagcagtcgc tatgattgtc 240  
 tctctctctt taatatcata ttttattttc attgatgttg cagcaactcc cacgctcact 300  
 gtgattctcg ttatgattta caatgctgct tttggcgcat cctggggacc tatcccgtgg 360  
 ctataccgcg ccgagatctt gccgttaagc attcgtgcaa aaggtgccag tcttagcaca 420  
 gctacaaact gggtctttta ctggcttggt ggagagctca cacctatcct tcaggccgtg 480  
 ataaaatggc gcctctacct agtacacgcc tttttctgtg cgtgtagttt tgtgctcgtt 540  
 tacttcctat acccggaata cagtggcggt cgcctcgagg atatggatac tctgtttggg 600  
 gacgcaacta acgccaatgcc aacaccgcgc tcccaaggag aacatggctc tctaataagt 660  
 t 661

<210> 4979  
 <211> 453  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4979  
 catgcggcca tcatcacctt accgaacctc gaagttcagg tcttgattgg caactagcct 60  
 tactttgcgc catctcaatc ccggtctccc caccacaaac cagccgtcaa gatgtctttc 120  
 cagaagcccg agaaggattt cggcgagggc cctaaggctc acaagatccg tatcaccctt 180  
 acctctcgca aggtcgctc cctcgagaag gtttgcctg agctgatcga gcgtgccgcg 240  
 tccaagtccc tccacgtcaa gggctccgct cgtcttccca ccaagacctc tcagatctcc 300  
 acccgtaaga cccccaacgg tgagggttct aagacctggg acaagtacga gatgcgcac 360  
 cacaagcgtc tcatcgacct cctcgccccc actgagactg tcaagcagat catcatcaac 420  
 atcgaggctg gtgttgaggt cgaggtcacc att 453

<210> 4980  
 <211> 515  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4980  
 tcccggctct tgccttgatc ctgtgttccc tgattgcctg cctggcctac atgaacgtct 60  
 ccagcgactc gaagaccgtc ttcggctact tcgtcgacct tgtgaccatc ttcgggtctc 120  
 tggcctggat ctccctgctg gtcacacaca tccacttcat caatgcccgc aaggcccaga 180  
 atgtccccga gcacgagtta gctacaagt ctcccttcgg taagacgggc gcttacatcg 240  
 cctcgcatt ctgcacctc atcgccctaa cgaagagta cgacgtcttc acccacaacc 300  
 cgaagtgggg caacttcaac tacaagaaat tcattactgc ctacctaggc atccccctct 360  
 acctgattct gctctttggc tacaatttcg tcaactggac caagggcgtg aagcccagg 420  
 aagccgatct ctggacgggc agggacgtc tcatcgatga ggagcaggag tatttggccc 480  
 gcaaagctgt tatggatgaa cagcggggca ccggt 515

<210> 4981  
 <211> 700  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(700)  
 <223> n = A,T,C or G

<400> 4981  
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ccgccataac aacactaccc ctccagcgca ggagagtgtt atggctctct tctcgctcaa 120  
ggggaaaact gccgtcgtca ccggcgagc atcgggtatc gggttgagcg tcgcacatgc 180  
actcgcgag gctggcgcca acgttgccat ctggtataac agaaacagta aagccgttga 240  
ggaggtgca aacatcgagt ctaaataatgg cgtaaagtgc cgtgcatacc aaataaacat 300  
ccgcgaaagc gaaaagggtt aagagctgtt gaatacatgc gtccgcgaat tgaacggtcg 360  
cctggacatt ttcacgcca actccgggat tccgtggact caaggaccca tgatcgatgc 420  
tccgcttgac cactacagag acgtgacaca aaccgatcta gatggaacat tctattgtgc 480  
cagagccgtt ggcgctcatt ggagaggcag aagaccgagg gtacagatat ttttggaat 540  
cctctacaag gcttcacata cggtagtttc gttgcgactg cttccatgag tggacacatt 600  
gtcaatatac cacagctcca agctgcgtat aatgcggcta aggcccgag tgatccattt 660  
gtgtaaatac acttgccgtg aatgggggtca gtttgcgccn 700

<210> 4982

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 4982  
caccctcttc gcggtgttag agcgattccc cgaagagcgc caggaactcg caacaatgct 60  
tatccctaag gacgaccgca agaagatcca cgagtacctc ttccgcgagg gtgtgctcgt 120  
ggccaagaag gacttcgagt ccaagcatgc cgacattgac accaagaacc tctacgtgat 180  
caaggccctc cagtcctca actcccgagg ctatgtcaag acccagttct cgtggcagta 240  
ctactactac accctcacc ccgagggtct tgactacctc cgtgagtggc tccacctccc 300  
cgctgaggtt gtccctgcca ccacacatcaa gcagcagcgt tcccacgctc cccccgtgg 360  
tatgatgggt ggtgaggagc gtgagcgccg tgggtcccg cctaccctg aggggtggcta 420  
ccgcccgcgc gaccaggaga aggagggtgg tgctcccgcc gagttcgccc ctaacttccg 480  
tggtggattc ggccgtggcc gtggtgctcc ctctcttaa agggatgtcg accggtcttc 540  
ctagggtttg gatggtagcg tgagtggctt gagtagaatt tggaataagt tcgaaaaggc 600  
tgctgcgccc atcctaaaaa aattatgcat tgggtgctgta tcgatattac gacatagcta 660  
gagtcaatgt catgatttta atgactc 687

<210> 4983

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<400> 4983  
agaggaatcc tgctgcttct cttttctctc tctatcccc tactatctat ttgattgttg 60  
atacccattt cattcctctt ctgtattttc tcaaaatttc actgacgtca taatgtcttc 120  
tgctcagcag cgtcttacct aggtggcttc tcaactcacc cctgggtggca agaagggcgt 180  
cgccgccatc accgagaagc accccgatga cattgtcgtg acttgtgccc ttcgttctgc 240  
cctcaccaag ggtggaaagg gtggcttcaa ggataccgcg gctgctgata tcctggctgg 300  
cgttttcaag ggtgttattg agaagagtgg catcgacccc aacgtcgtcg aggatgttgc 360  
cgctggctcc gtccttgccc ctgggtggcg tgccaccgag ttccgtgctg ctgctctggg 420  
tgctggtttc cccgagacta ctgctgtcaa gagcttgaac cgtcagtgtc ccagtgatct 480  
ccaagccatc gttgacattg ccaatgcttt caagttccgg ctgaatgaat ttggattggg 540  
gcttgtgtgg aaaacatttc ctcttcagaa ttggcccggg gctcttaacc gaattttaga 600  
acctcttgag aacccctcta aaattttcca actgtgaagg cg 642

<210> 4984

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<400> 4984  
cggacaccgt tcttgaatcc ccgccatgag gtagatgctt tgtccgtatt cgccacaact 60  
ttgtccattc attgatcaaa gcttccttca acctgtgct aatctcaccg atcaataatc 120



atgaagtcgg	gtcgtgtctg	gatttagatg	gagttccggg	aacgtcgtta	taaagatgac	480
gggttgacc	accttgtgtg	ggtcgggtgc	acaaaaaacg	tcttttaaaa	gaaattgatt	540
atgtatctta	gaaaaagatg	caagtcgata	ttaaataaag	gctttacttg	acttgacaat	600
gatattgcc	aactttcgcc	gtgatgtgac	gagttcctta	aaatcccgca	atc	653

<210> 4988  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 4988						
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cgtttctctc	aatccaatgc	ctgccctggg	gattcttctt	ttgggtagca	tgatgggac	120
ccaccacca	tccagcatgg	tttccactat	gggtgcacaag	cagtggggta	acctgttggt	180
tggcttctcg	tttgctagat	gtatgacct	tgtcatcacg	tatctcaagc	caccaacctc	240
gtatctgcct	tctcgtcctc	caactgagat	tgttgccgct	ttctgcttga	tctccgggtg	300
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tgcgatgttt	attttcactg	tcgctatggg	agtgaccgct	ttcataatgg	cctgtgagat	420
tttggctatt	gccatcaagg	cctgngccac	caagaaagaa	actcgccctc	agctccctcc	480
tttccagttc	ccagcttgag	ttggagcacg	cctcgccgtg	tcgctttang	gtagagggtg	540
gtgtccttca	cacgggacat	ggttaagact	ctacctggat	gggtttctca	tcgccctatt	600
gaaaaccaa	agaattgaga	aaaaggagaa	atgggaaaa	gcataagaga	catcgaacat	660
tctttgtctt	atta					674

<210> 4989  
 <211> 706  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4989						
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cttggcaaga	acgacttcgc	ggaagatagc	accacgtgca	accttgctca	aactccgctt	120
cttcggttga	ccagcctcag	cctcaccact	agccgatgac	tcggctgggg	cagatccaga	180
tttatcagac	tcctcagcag	aagctgccat	gtcagcaggg	ctagggatat	catcctcatc	240
ctcttcgtgc	atcttgagtg	cctcgatgcg	gttggccagt	ttgatgatct	caatacctct	300
cttgaggcga	gggcggttagg	aatcggcggg	acaacaaaa	aaaagtaagg	ggagatatga	360
gcatgggaaa	gagtcccacg	tggagtgtca	tttatatacc	gctgttgga	tacttaccgg	420
tggccacggg	gcgccatgag	gaaacttttc	atgaactcgg	gtcaaacaac	cttatcactt	480
gggtcaatgag	ctgagaccct	attttagtga	cgagggtgatc	gctatagccc	gactttctgt	540
tgtttactta	tgcccaccgt	ctgggcgact	ccgagccttt	atatagcaca	gcatgtcgta	600
cgcagtgtga	tgacgacgac	catgccgact	gtcactgata	ctactactct	gactactgcc	660
atctaaaccg	tcgccgtccc	gatcaccaag	atgtactacg	acagcc		706

<210> 4990  
 <211> 703  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 4990						
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ctaatatcat	tattagttga	tcgatgtatt	taaattatgc	ctataacatt	ataacataag	1260
ttgagactca	aatttcgaag	actttgtttg	atc			1293

<210> 4996  
 <211> 693  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(693)  
 <223> n = A,T,C or G

<400> 4996						
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gatggtttcg	agtccttcc	gggccacctt	cttgattgtg	accttgccgc	tcaggatgtc	120
tttagttgtg	gcgaggattg	aggaccagct	ctcaaagatg	gtgaaggggtg	ttccttgacg	180
ctcgagtag	gtcaccagat	ctagaaatag	tcagctcact	ggagaggagg	gaaaaagcaa	240
tagagaaaa	cccaggaaaa	acacgcaccc	cttcctttct	tagcaaacaa	aagatcggtc	300
tccgaagcag	ccgacaagtc	cgagacgccg	tctcccgcat	acaatagggt	tgggcgtacg	360
ttgtccggca	gagcggcata	nggcttaatc	tccagcgatt	tgtcgtgacc	aaaatggcta	420
tcatcgtgat	acttaatctg	ccagccgccc	tcggtgttga	tatccttgcc	atcgcggtt	480
tccacatcgt	tggcgacaat	aacaagggtg	tcatcggtt	tatgtcctat	cagagtttct	540
aacaggggcg	taatgacccg	ggtcataccg	gatgacaata	ctacaattgg	cacgttgttt	600
tccttggacc	agtggttgaa	ttcaacaaag	tatggatcga	gctgcatgtt	tttcttaaac	660
tgcttcatgc	actcattgta	gggaaccctg	acg			693

<210> 4997  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4997						
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gcttgtgcag	atgccatta	gcagttctgg	ggatatttct	ctccaagagg	aggcgggccg	120
ccatcatgct	tttcctcggt	cgctggaaga	atggaaggcc	gccaaattgg	atcggccaaa	180
tctccataaa	cgttcggcaa	cgtatgaggg	cattgaagag	gatatgatga	ccgcctttcc	240
gcgaatgaat	gcagttgttg	gtctcttagc	gactctgggt	gcgtgcgtcg	catctagcct	300
tgccagtgtg	tatttcgaaa	aggtactgaa	ggatagtgcg	aagtcgacct	cgctttgggt	360
ccgcaacgtt	caactggccg	tatactctat	cttccccgcg	cttttcattg	gtgttgtctt	420
cttggtaggc	gagaagattg	ctgccaacgg	gttcttcgga	gggtataatt	gggcggtctg	480
gtctaccgtg	gttactcaag	caatcggggg	aattgcaaca	tctttctgta	taggccatgc	540
ataccgagat	gcgaagaatg	ttgtactgc	caccagcatt	tttctcacta	cgtagggag	600
tatctggcta	tttgagtttg	agctcactgg	taaatttatt	ctccgaacgt	ttgcagtgtc	660
tgtaggttct	tatctttgcg	aag				683

<210> 4998  
 <211> 643  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 4998						
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aatatcgccg	gtgtatacaa	agagatatcc	gactttccta	cacaatgtct	cgctcctggc	120
ccacgctcta	tgtcacccgt	ttcgggcacg	gaactcgagc	tcgcgacctt	gcctacgaat	180
tcgaacgtta	cgggcgccct	gtccgggtgtg	acataccagc	accacgtact	ccttcagca	240
gactgtttgc	ttttgtggaa	tatgagagcc	gccgtgatgc	agatgatgcg	tatcatgaaa	300
tgcataacaa	acgaattgga	cgggatgatt	tattgaaaat	tgaatgggct	cgcaactccac	360
catctgcttc	ttggagggtt	gattctggcc	gagaccgtcg	gcgcgatcgt	acaccgccac	420
gccgtgggtcg	ttcaccgtcg	cctcgccgtg	gccgcggcga	ttattcttct	cgtaaggatg	480

acaggtacga	acgggaatac	gaccgacatg	atcgggatta	tgaccgccgc	gaccgggatt	540
atgaccgacg	tgaccgtgac	tatgatcgcc	gcgaccgtga	ccgtgaacgc	tcgcgcgacc	600
gttctcgcag	ccctgatgag	agagaacgtg	atatcaaaga	tga		643

<210> 4999  
 <211> 695  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(695)  
 <223> n = A,T,C or G

<400> 4999						
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agaaggcctc	tgacagccaag	caacggaagc	agagaaagct	tgccaagaag	aatcccgaat	180
ggcgctcaaa	gatcaagaag	gatccgggta	ttcctaattt	gttcccacac	aaggctcagc	240
ttctccatga	gatggaggag	aggaagcgat	tgaaggccga	ggaacaggag	cgcatccgtg	300
atgaggcgcg	cgctcgcaag	aaggcacaga	aggagtcgca	acagcaagga	gacgacgccg	360
aggacgtgat	ggaaaatgat	attgatctgg	agggtgactc	cgacgatgaa	gatatggatg	420
aggatgttga	tgaatcgctg	aaccccatgg	ctgcgctact	tgctctctgcg	cgcgcgagag	480
cggcagagta	tgaagatcaa	catgagagcg	atgatgacga	tgagatggac	gaggatgagg	540
atgaggatat	ggacggcatg	gatgaagatg	aggaagaggg	cggtgctgcg	ctgggcgatt	600
ccgctcccca	gcttgtttca	cagactcaca	gcaaggagag	ctctcggcga	caattcgata	660
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<210> 5000  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 5000						
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aagcccaacg	aggtccgcga	agctgttaag	aatgctctcc	tgaagggcta	ccgccacatc	180
gataccgctc	tcgcttacgg	caacgaagcc	gaagttggcc	aaggcatcaa	ggactccggc	240
gtgccccgcg	aagagatctg	gatcaccacc	aagctagaca	acacctggca	tcaccgcgtg	300
tccgagggca	ttgagtcctc	cctgaaggac	ctangcgtgt	cctacgtgga	cctttacctc	360
gtgcactggc	ccagcagcac	cgaccccaac	gacaagtcca	agcatctccc	tgactggggac	420
ttcatcaaga	catggcaaga	gatgcaaaaag	ctgttcgcca	accgccaagt	tcgcaacatc	480
agtgtcttaa	acttagtatc	aagaaacctt	gggaacctct	ttaatgaccc	ctatccccaa	540
gatagtgcc	cgccgtaacc	agaaataact	tgtgccctta	aaaacctt	tcccaaattg	600
ggtggcacia	aaaccttcca	agggattccc	ttccctgga	caccttgcc	tgggttcccc	660
aaactcccc	ctt					673

<210> 5001  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(687)



<223> n = A,T,C or G

<400> 5001

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gcactgcaga	agaccatggt	gtacagtact	ctgatcggta	tctaccgga	atggcatccg	180
cggctattcg	agcttctgag	ccatttcagc	tggctctggc	cgggcggaag	aacgtacatc	240
atgcggtacg	tgcaggagaa	aattcgccga	cacagtga	ctgccaagcg	tgatccggag	300
caaggggacg	tgcagacaca	ggacttcctc	gagaagatga	tcctcgctcg	agacaaggat	360
ccagagaagg	tcactgatta	tcacttattc	atgatgggct	tgtcgaacgt	gattgccgga	420
tcagatacta	ctgcaatcag	tctttcctca	ataatgtacc	acctgctgca	ctatcctgcg	480
gttttgagaa	aacttcgctc	cgaagtggat	gactttaccg	cgcagggccg	ctgcagtgtc	540
cgtgtgacgt	tcaaagaaag	tcaggaaatg	ccttatttcc	aagccgtgat	gaaggaggct	600
ctccgtatgc	acagtgccac	tggctctccc	ctgtggaggg	tcgttcccgc	ttgtggtgcc	660
gagatcagtg	gatattactt	tcccgan				687

<210> 5002

<211> 823

<212> DNA

<213> *Aspergillus oryzae*

<400> 5002

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ctcacgcaga	gccaaagaag	atgggtgaaa	acgctgtcaa	cggcgagaag	gtccactcgc	180
acttccctga	tcacctcaca	tcctaccccc	tcgtctccga	ctccatctcc	gtctttaaga	240
gcaacaagta	cggcgccaag	tccatagagt	acgccgacca	gagctatgac	cgcacgcgca	300
agcccttct	gcctacttct	tccaaacct	acggctacat	cgcctctac	ctggcccgcg	360
cagactccct	cggcgacca	ggactgtctc	agatcgactc	gcgattccc	ttgatcaagg	420
aggacaccga	gaagetccgg	aacaccatct	acgataacgc	cacttaccgc	gtgcgagtcg	480
tgggcgaagt	caagtcccat	gtctttgaca	cctacggatc	caggtacaag	aagtgcggtg	540
gtgacggggt	ggtggccagc	ggcaaggcgc	tgatcacgac	cagcttggtc	ctgtcgcagg	600
agtcgtggg	cttccctcag	tccttgctgc	aggccaagaa	ggagcaagt	aaggacgtgg	660
tcaacgacaa	gaccgacaag	gccaacaact	agagagggat	ggtgtttcaa	tttcaactga	720
gggttctttg	tccagccaac	ttctatgttt	aatttctgtt	tctaaaaagg	gggtttgatt	780
tttttgccgc	gctcttgag	ttattcattt	ctcttttcag	acg		823

<210> 5003

<211> 876

<212> DNA

<213> *Aspergillus oryzae*

<400> 5003

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tatcttcaact	atgtcccaga	acaaggctct	cgtgttcaag	aagatccctc	agggatatcc	120
tgcccttggg	caggacattg	ttgtcgagcc	cgtatcggtc	gaccctaact	ctcccgtctc	180
tgccaatggg	gttgctctgc	agtctcttta	cactagcctt	gacccttaca	tgcgtggccg	240
tatgcgcccc	gctgaggtga	agtcctactc	tcctgccttc	gccatggaca	aaccatcga	300
tagcagctcc	atcgccaagg	tcctccgctc	caacaactcc	aagtacaagg	aaggcgattt	360
ggtcatttga	ttcgtcccc	tccaggagta	tattgtcctg	gacgaacagt	cgatcgctcc	420
cattcgccct	ctcgaaaacc	ccttgggcat	tgaggatata	cgtgtcttcc	tgggtgccct	480
tggtatgccc	ggtctgaccg	cttattcatc	cctgtacgaa	atcggaagc	ccaagaaggg	540
cgagaccatc	ttcgtttctg	ctgccagcgg	tgccgtcggt	cagctgagca	cctggaagct	600
gctttggatg	ccatgaacaa	ctttggccgt	gtcgtcggtt	gcggtatgat	ctcgcagtac	660
aactcgcccc	cttaccatcc	caagaacatc	caatacgtct	tgactaagcg	cctgactatg	720
cgtggcttca	ttgttggtga	tgccggcatg	ggtgacaagt	ccactaagga	gcaccaggag	780
aacgttcaga	agtggatcaa	ggacgggttc	ttcaaagctc	tgaccacaa	gaccgttgca	840
tttgacaatt	gggccgaagc	tttacttgga	atcttc			876

<210> 5004

<211> 644  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5004  
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 tataaccagca cgaagcattg gtgtcataac gttctaccgc agccaacttt cgcttctgaa 120  
 acagaatttg cgccgtcacc tgccggatct cgaaatgcac accgcagaca aatttcaagg 180  
 acgtgacaaa gaagttgtgg tactgagctg tgtgcgcagc aattcagaca accatgtcgg 240  
 cgatcttctc cgtgactgga gacgggttaa cgttgctttt acccgggcac gaaccaagct 300  
 ccttgttgtt gggagcaaga gcactcttcg tggcggtaat gagctactag gcaaatatgt 360  
 gaagcttgct gaagagcaag gctgggtata taatttacca aagggcgctg tggaagatca 420  
 cgtcttcgac tctgacaaca tccatacaca accccagcca caagaaggat caacacccaa 480  
 gtcgaaaaaag agtccacctt ctcaaaaaaag gtccggaacc ctttaagtcc agcacaagcc 540  
 cgaaatgctt ccaaaggtct taagaaaccc cgcaaaaaaag ggaggttaagc tgctgagtgg 600  
 taaccaaggg tcttggaat agaccaatgc tttcagatgt gggg 644

<210> 5005  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5005  
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 aaggcttctt tgcccttcta tttggtgacc cgcggaagc caggggtctg tttgagcagc 180  
 cctttgatat ctccaactcg tcagcccat tgccaaagaa gcagtacacg ttaagcttgt 240  
 tcgatcatct tatgtcagac tcttcggctt cgaacgaggt ttcagcgctg attcaaccgt 300  
 tctttgcact tcaccagctc tcttcgcagg acccatccga tttacccttc gtgcatttat 360  
 cctctctttt ggctgagaga attggcgaaa tatcagacgc agaagccagt ctacggaccc 420  
 tctgtaccgc tgtagaggca gaatcacgag tgcccgagtc agcgccgcgc ctctctcgat 480  
 tcgcccaggc aaacgcggat attgctcgtg tactccttgc acgtcatgaa ttccaggaag 540  
 ctgctgaaag gcagagacag cgctcatgct atcaggggaa gaggatgccg aaaaagtcga 600  
 acctgaaacg aacaacaggc ttgcgttgct agccacttg acagcgggccc ttgcgcatta 660  
 tttattacgg aacatggaca gtgg 684

<210> 5006  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

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 ccgcccccggt ttggccgaca tcttcgcgat ccaagtcac tccaaccgc aagttcgctc 180  
 gccattctc acgctaagat ccacgacgtt caacctgtg aagcacgaaa atatctatct 240  
 ggtagcgggtg accaagaaca acgccaatgc cgcgctcgtg ttcgagtttt tgtatcgggt 300  
 ggtgaagctg gggagaact actttgggaa attcgacgaa gaggcgggta agaataattt 360  
 cgctttgggt tatgagccgc ggatgagata ctctactttg gatccccca aaacacggaa 420  
 acagacactc tgtaaattgt catctcgaca gggggagtgt aatncgccct ctgtgacaaa 480  
 acccacagac ttaaagccca ttaacatgta aaacacccgc gcgcttttct tggggcgctt 540  
 ttaaattaaa aaaaccagaa aaaggacctt tgtgacgaga tcaaaaaata ttattttttt 600  
 tgggtgcgggg aaggggcccc tctccccgc caaaaaaa aagaggaaaa attctttctc 660  
 gccctccct

<210> 5007  
 <211> 634  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5007  
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 ctttgggtggc ggtgcctcct cggctcctcat caacattgtc ggaggaagca tcagtgcagt 120  
 ttggttggga gagaaggctc gcagtcctgcc tatgtcattg ttcggcttca ccagtgttgt 180  
 aggtattgca ctgggccccct tcatcgggtc ggccattgta cagatccaca agtctgaccc 240  
 ttggcggttg atcttctaca ttcagattat ctataatgcc gccctcatcc ccgtgttcta 300  
 cctgacccctc agcgaaccct gccctgatgt aatcttaaag aaacggggcc gaaagatccg 360  
 gaaggaaacc ggccgacctg tctatgcccc agcagagctc aacaaagtca acacactcaa 420  
 gcttctgcag atctccttcc aacgtcctac acgcatgtc ttaactgagc ctgtcggttat 480  
 cttctttaca ctctggatca gctttgcttg gggatatttg tatttattct tcttcagtgt 540  
 ggtccaaacc tacagcacca attatggctg gggcggtatg gccactggctc ttgttcaact 600  
 tgctatcttc gtgggtgcgg tcattgggtac aacc 634

<210> 5008  
 <211> 668  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5008  
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 atcattgcgt ctggcttaac aactgtgtcg gccgtcgcaa ctatcggtat tttttcactt 120  
 ttgtgggctc gtctacactc ctgcgcttgt ttttgatcgg cgcaagccta gcgcataatcc 180  
 tcgtatatcg atcacgagaa ggcattttct tcaacgatgc gatcgatcag tggaggggtgc 240  
 cttgggctat ggtcctttac ggagccggtg cggtccgta tccagcctcc ctctgggcct 300  
 accacctgtt tctggttgcc cggggagaga ctactaggga atatctaaac tcccacaagt 360  
 ttgcgaaagc ggaccgtcat cggcccttta ctcaaggaaa tatcctgaag aattggatat 420  
 cagtttttgg gcgaccacga ccccgacat acatgcaatt caagaagcca tatcacgagg 480  
 gtgaccagcg cttgagcatg gtgaaacgga aataccttcc gcgagacgtt gaagctcaag 540  
 caagcataga gatgcagcat gtcccttctg atcaaccgca agattgaggt cagtaacgat 600  
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 ctactttt 668

<210> 5009  
 <211> 662  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> n = A,T,C or G

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 gtcgtcgccg ctggttccgc ctctcccatc cacttccctta ccctgaacgc cgccaactcc 180  
 caattctacc tcggcggaag ggcgcgccacc tactgccccg agaacatcga gaagctgggc 240  
 gcttgcccc cgggcaagga gaccgctctc ctggcgaca agtaccttga cgtcgccgtc 300  
 cccggtggcc agagcatcta cgtcgacccc catggcgccc tctccttcac cactcctcac 360  
 tccggtctaca ctccccccgg ctctcgact gagggcttcg cctacaagcc cggcaagaac 420  
 ggcaccctcg gtagctggac ctacaagaac ggcttcatgg cctgccccac caccaacagc 480  
 accatcgtgc ccggaaccc caagtggcag gtgtttgctg cctncaacaa tgccaccgtg 540  
 cccaccggca acgtcagaga ctgccttgga ttctcggctg ttgctgcccc atacactgga 600  
 cccgctgctg cctgngagta catctaagtt tctcgtctaa tctatccaaa gacctagatg 660  
 gg 662

<210> 5010  
 <211> 510  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5010  
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 actcgagtgg cgttttcctc ctgcacctgt gcaaccctac gtacaacata catcatgcct 120  
 gcctccgtgc actcccagga tcaggaccag tccatgatgg acgccaccgc cgcggcacct 180  
 caagaacaag aacagcaggt tgagcaagaa gatgtgttgg aggaaaagcg gatcattgtc 240  
 cttcccgggg ctaccgagac agcggcttct ttccagtttg agggcgaggg tcatacattg 300  
 ggcaatgcgc tacgatatgc cattatgaag aatcctcagg ttgaattctg tggatatact 360  
 atcccccatc cttccgagac taagatgaac ctgcgcattc agacttatga cacaacgaac 420  
 gcagtggag cactggagaa gggcttggat tctctgatgg atctatgtga tgttgttacg 480  
 gacaagtcca ccgccttccg tgatgccttt 510

<210> 5011  
 <211> 620  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5011  
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 tcgttttctc acccagcgca atccgggtga gccggcgctg tcgctcgttt ctatcagcga 120  
 tcgtttccag cggttgacta tctggcacta ggatgcattg taggaggttg gatcttgatc 180  
 cagctgtttg tgaccccatt tcatcgctcg ttttcgctcg acaataaggc catccaatat 240  
 cccttcgctg tagtggaaaag agttcccgtt gtatgggtcca taatatacgc tggcgctcatt 300  
 ccgttcgtaa tagtgcctct gtgggctgct acattccgac cgaagcctta caaagtccaa 360  
 gtaactatac ttggtttcct ggtcgcatta atgttgactt cgctgctcac ggatataatc 420  
 aagaatgctg tgggacgacc tcgccctgac ttaatttcac gctgcattcc gaagaggggt 480  
 acccccga aaagctcgt tgccctggact gtatgtaccc agacgagtca acatgttctc 540  
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 tatctgtcct tgtagttct 620

<210> 5012  
 <211> 691  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(691)  
 <223> n = A,T,C or G

<400> 5012  
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 catcggcggg cacatacaat aaacatattg gtctctacta tccgctacca ccgtctccgt 180  
 atgcagatag cagtacatgg aaacgagatg atatcgtgcg acagacgatg tccttattcc 240  
 taatcggatg gatcttcgca acggcattat acctcatcgg cagcacaata atctaccaca 300  
 cactcttcga taagcgcgta atgcgccacc ccatttcct ccctaacc aa atccgccaa 360  
 aaatccgcca aggcacacc tccatccccg taatcgccgt actcacggcc ccgttcttcc 420  
 tcgcccgaagt acgcggtgg accaagctct acgacttcgc cgacgaggcc cccttccgcg 480  
 cctacaattg gctgcagtat ccgctgttcg tgtgtttcac ggattgtggg catttactgg 540  
 aattcatcgg gattgcatta cccgcgggtg tatcgggtgg tgataaaacc gcattataaa 600  
 tggattattc ccgagtcgt tgcgagttat gcttttcac cgggtggaggg ggggcgcaga 660  
 gtattccgat taatggttat ccgctgggtg t 691

<210> 5013

<211> 718  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5013  
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 gtactacgac aggcctcttc gccacgggag tgtacgggat cgtgaagggtg gtggcatgtg 120  
 ccgtcttctt agtcttcgtc gccgattctt tgggccgtcg acgctctctg ctctggacct 180  
 ctgtcgccca gggcctagct atgtcttaca tggggttata tatccgcatt gcgccaccgg 240  
 tagaaggcca gcccgtgatc cccgctggct atgtcgtctc cgtctgtatc ttctcttttg 300  
 ccgctgtctt ccagtttggc tgggggcccg tctgctggat ctatgtctcc gagatcccga 360  
 ctgcccgaact gagaagtctg aacgtcgcca tggctgccgc gaccagtggt ctgttcaact 420  
 ttgtcgtttc tggggtgtgt cccaatatgc tggcgaccgt gggggccaac ggttacggga 480  
 catacatcat tttcgctgtt ttttgtttct caatgggctg gtgggttttg ttctttattc 540  
 ccgaaaccaa aggtctctca ctggagaaaa tggatgagct ctcggtgct actagcagtg 600  
 atactcattt gaagactgaa gatgtagaga gaagtgcata ccaagtggaa ggtgaccata 660  
 aaaatgaagt tgctacagaa actaaggtag aaagggtgta atattgtcga ccttgtgt 718

<210> 5014  
 <211> 642  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(642)  
 <223> n = A,T,C or G

<400> 5014  
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 atgtgtcttt catcttcttt ttgtgttcag tccagtctca ttttcattcg agagtcgggg 120  
 aacctttccg cagccgtca aatgtctcaa gctgaagctg acctctatga ggtcctcgga 180  
 atcgccagta gcgcaagcaa agatgagatc cgcaaggctt atcgcaagtc tgcgctcgca 240  
 aatcaccccg acaaagtccc cgaggccgaa cgtgaagaag ccgagatcag attcaaggcc 300  
 gtccaggaag cttacgatat cctctacgat gaagacaagc ggcatctata tgacacacat 360  
 ggaatgagcg cttcaacgg gtctggcgag cccggtatgg gcgcaggctc cgatctagat 420  
 gatattctgg cgcagatgtt cggcgccatg ggtggcatgg gtggatgccc cggaggaccg 480  
 cgcgcgataa aaccacggag gagcccgaac gaggagcana agtatgaggt taagttggaa 540  
 gaattgtaca aaggcaagac tgtcaagttt gcgagtacga agaattgtat ttgcagtttg 600  
 tgtcagggca agggaggcaa ggagaaagcg catgctaaga aa 642

<210> 5015  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 5015  
 aagctcctcc ctgaaagctt gggccccggg tattttcctt actatctcct tacctctttt 60  
 agacttttga actacgtcgt gtctcagttc tatcgaatac tcaagacagc acgtccacat 120  
 ctaccggtac aactataatg tccgagtctc cgccgcccc accgtcttgg agcatcacca 180  
 acatggccaa cagtgccgct cagtacctaa ggctgccggt tttggcatca tctggttttg 240  
 cagttgttgc cagtgggtctt ttgtatttca aacaaaatga gttgatctat cctcgcaatg 300  
 ttctaccga tgcgcgcacc tttgtaccga agccccgaca gtttggggtc aacaattacg 360  
 aagaactcca gattcctacg ccggatggcg aatcattaca tgccctcttc cttcgtccct 420  
 ctaagaaagg tcttgcgggt gatattactg tcttgaatgt ccatggaaat gccgggaata 480

ttgggtcatcg	gattccgatt	gcaaggggtct	tgcttgatat	actaggttgc	aatgtgctta	540
tgctggagta	tcgcggtac	gggctctcga	ccggcgctccc	ggacgaagca	gggctaanaa	600
ttgatgccc	aactggactc	gactatatcc	gacaacgagc	ggagactagc	aataacaagg	660
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<210> 5016

<211> 717

<212> DNA

<213> *Aspergillus oryzae*

<400> 5016

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ccaggccccag	cagcctgccg	agggttgacta	caccctcaac	aaccccgaca	ccttgacca	180
gtacaagact	gctgccacta	tctcacacaa	ggtcctcgac	gccgtcgcag	cctgtgtgt	240
ggagggagcc	aagatcggtg	agatctgcca	gaaggggtgac	gagcttctcg	aagaggaaat	300
cgctaaggtc	tacaagggca	agaagatcac	caaggggtgtc	ggtcacccca	cgactgtctc	360
tcccagctcc	catgtgacct	catacactcc	cttgggtttcc	gatgcccgag	aggccgagac	420
taccttgaag	gccggtgaaa	tcgctaagat	tcagctcggg	gcccagatcg	atggcttcgg	480
aaccattgtt	tgcgaccagg	ttgttgctcg	ccaggacgag	gtgaccggcc	gagaggtga	540
cctcattacc	gcgactcact	atgccaacga	gctcttgctc	cgtctcatgg	tgccccctgg	600
ccttctggct	accggtaccg	aggaggagaa	gaagaaggct	gccgccgaga	ggggctccta	660
ctcaggccca	gatctcccag	ctgatcgaga	agggttgctaa	ggcctacgac	tgcaacg	717

<210> 5017

<211> 816

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 5017

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acactgagca	caatgtattg	gagctcaccc	cgaaggaagg	tcttctttta	cgcatgcttt	180
ctgggtctttg	ctactttcat	tgggaagtgc	acagcctccc	tgggcgacca	tcttcccgat	240
ttcaaagaat	gtgttaagat	ctgtcaaact	gagaactgtc	aggatggaaa	ttccgagatc	300
cctttcccat	tccgcttgat	gtggtggact	tgctccgcgc	aatgacgacta	tacttgccaa	360
catgttgtaa	cggaccgtcg	agtcgctcgt	gatcctccga	tgctcaatcc	agtagtccag	420
ttccatggga	agtggccttt	ccgcaggatc	atgggcatgc	aggagccggt	ctcagttctc	480
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tcgacgtggc	atacttctct	ccggacttac	tatcttgctt	ttggatattg	cggcctggca	600
tgctggacct	tcagtagcat	cttcacgccc	agggactttt	ctttgacaga	gaagctggat	660
tattttggag	cgggcgcaaa	tgtcatgtat	ggattatacc	tggcaattat	caagatattc	720
cgattagata	aggaagaccc	gnaacgaaac	cgacattgcg	tcggctctgg	gaccgggggt	780
gtatctttct	ttataccttg	cacgtttcct	atctta			816

<210> 5018

<211> 906

<212> DNA

<213> *Aspergillus oryzae*

<400> 5018

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gttgaaaattg	atcctctggt	gcgactttac	atcgctaata	taaaactccg	gttgagagcc	120
tacctatctc	cacttctccg	cctttccggc	attcgtctct	cccttcccca	tcttcttctc	180
tcctcacttt	cacgatgtct	tcccgtgtcg	gtcttcggtt	cttccagaac	tcccgcgctg	240

cttttcgcaa	tgcgcagcat	cgctttggcg	ccggacgcgc	cttccagacc	tccgatgccg	300
ccgccgccga	gccacagagc	gttttccagc	gtttgtggaa	cagccccgtt	ggtgttaaga	360
cggtgcattt	ctggggccct	gtcatgaagt	gggtcttggt	catcgccggt	atctccgatc	420
ttagccgccc	cgccgagaag	ctgtctttga	ctcagaatgg	tgccctgacg	gctaccggag	480
ctatctggac	ccgctggtgt	ttgattatca	cccctaagaa	ctatctgctt	gccgctgtca	540
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gcctggaaca	gtcgccccgc	gaagccgtca	agtcaatgga	acacgaagtg	attgactcgg	660
cgaaggaggc	cgtcgctaag	tccgaggctg	ctggttgagaa	gtccgcataa	accggttcag	720
ctgggtccgc	tagatgggac	tctaccacgc	aagggggctc	gacggggatt	taaaaaggaa	780
actgtctatc	agggaaatag	accgtcgatt	gacgagcttc	tgagtggatt	tgggcatcta	840
gcactcgata	gacaatatgct	cgggggctct	actgggttcac	cgcaacacga	ctggcggtct	900
cgtttg						906

<210> 5019

<211> 445

<212> DNA

<213> *Aspergillus oryzae*

<400> 5019

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ctctctcata	atggctgacc	aggcagttgc	tgacttcggt	ttgatcggtt	tggccgtcat	120
gggccagaac	ctgatcatga	acgtcgccga	tcacggtttc	actgtttgcg	cttacaaccg	180
cacaacctcc	aaggttgacc	gcttccttga	aaatgagtc	cacttgcccc	acagcaaccg	240
ccgtaccaag	taccttgccg	agaagggcat	ccgcttcgtc	ggtagcgggt	tctctggtgg	300
tgaggagggg	gcccgttacg	gtccctctct	catgcccggg	ggtaacgagg	aggcctggcc	360
tttcattaa	gatatcttcc	agagcattgc	cgccaagagc	gaaggtgatg	cttgcctcga	420
ctgggtcggt	gatgaggggt	ccagc				445

<210> 5020

<211> 545

<212> DNA

<213> *Aspergillus oryzae*

<400> 5020

cgtctcttta	atcctcattt	acgcccgggt	ttctgtcaat	atctcacgcg	gactgtgtaa	60
atactagcaa	aatggcgacc	cgggctcctt	ttgtcgttcc	tgactcaag	aaacacaccg	120
caaccgtgat	catggctcat	ggtctgggcg	acagtgggtc	tggtatgatg	ggccttgctc	180
agaactggcg	ccgtagaggc	ttgttcgaag	aagtaacttt	tatttttccc	aatgcgcca	240
tgattcctat	cacggtgaat	tttggtatgt	caatgcctgg	atggtagcac	ctttccaagc	300
tccggccgtga	tctggatttt	gaagaagcta	tccgcagcca	ggatgaaccg	ggcatcctcc	360
gttcccgcga	atacttcaac	accctgatca	aggaacaaat	tgaccagggc	atcaatcctt	420
cgcgcatagt	tctaggggga	ttttcccagg	gaggcgcgat	gtctgtgttc	acaggtgtta	480
ccaacaagga	aaagctggga	ggagaatttg	gactttcatg	cttttgtgtt	ttagaccaac	540
cgтта						545

<210> 5021

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 5021

ccattaaccc	ttcacctttt	ctcccgtatc	ttccagacgt	taatacacaa	atgcgcgtcc	60
agctatcccc	cgagcaagta	ccgcggcgaa	tgcgcatccg	cgaacttctt	cccgaacctc	120
acctgggagc	ctacccccca	ggtccgctaa	attccatcac	cgacgtgcct	ggcgtgcacg	180
ttcacaccca	agagatatcc	ggtgcccaag	gcgcacataa	taccggcggt	acctgcatcg	240
ttccccgccc	gaactgggtc	accaatgctt	gttacgccgg	ggtcttccgt	tttaacggct	300
cgggagagct	aacggggcga	catctgatag	aagagacggg	gcttctctgc	tcccctattg	360
ttctcactgg	aacatttaat	attggggcgg	cccaccaagg	gatctatcag	tatgccgtca	420
aacacctggg	gactaacaag	gatggtcagt	tggagtgggt	tatgttgccg	gtcgtgggtg	480
agacgttcga	tgggtatttg	catgactgta	catcggttcg	tgtggctcct	gcgcacatcg	540

tgcaccgtct	ggaaaatgtg	gtggctgggg	agccaattcc	aaagggtaat	gtgggcggtg	600
gcgtgggcat	ggtttgccat	ggactgaaag	ggggtaccgg	gagcaacagt	ccccaggttc	660
ttggaaccta	caccgtcgca	agcgttggg				689

<210> 5022

<211> 710

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 5022

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attgttgagg	tgctgcgagg	gttacgtttg	gagagctgct	gtgttcatat	ttgacaagga	120
gatttgaagt	ttgctgttgg	ttttaggaag	actagtatac	cgacaagatg	ttgctttctc	180
gccgtgcgtg	ctacaagtgt	ggcaatattg	gccactatgc	cgagggtgtgc	tcttcgtctg	240
agcgtctctg	ctacaactgc	aagcaacctg	gccatgagtc	cagcagctgc	ccccgtcctc	300
gtactaccga	gaccaagcaa	tgctacaact	gccagggcct	aggccacggt	caggccgact	360
gtcccaactct	gcgtctcaat	ggcgcgaatg	gccgttgcta	caactgcagc	cagccaggcc	420
accttgcctg	caactgcccc	gctcctgctt	ctggcgctgg	ccgcgggtgtc	ggtgccccctc	480
gtggtggata	taacgggtggc	ttcctgtggc	gatacgggtg	ttatcctcgc	gctgccactt	540
gctataaagt	cgggtggccct	aaccacttcg	cccgtagctg	tcagggtcag	gctatgaagt	600
gctacgcttg	cggcaagctt	ggccacatct	ctcgtgactg	caccgncccc	attgtggccc	660
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<210> 5023

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<400> 5023

aggatccaaa	aagaaatcat	gttggtcttc	gctatacaact	tgccctctccc	gttgccgcac	60
ggcccatcgc	catgcgatca	ccgtttctta	cctcccacgt	atgatttaca	agatctcgtc	120
catgatatac	agtcctacct	cggcgattcc	tcgggaatcg	attcatcaga	catagaccat	180
gaacacttga	ttgcgctggc	gcagaagtat	gtctcaaata	cgaatgattg	gctgcggttc	240
ttctacaacg	atccgagtaa	gaactatacc	cgcaatgcca	tcgaaaacat	caaccgcaag	300
gcaaacattc	tgctgctggt	atggaatcca	ggcaaaggct	cccccatcca	cgaccatgcc	360
aatgcccatt	gcacatgaa	ggttttggct	ggcgaattga	ccgaaacggt	ctaccatcct	420
cccatacgcg	aaggggacga	gacaagcccg	ctccagctca	aacaccagaa	gcgatatcaa	480
acagatcaag	tgacatatat	ctcggacgat	attggcttac	atcgggttca	taaccacaagt	540
ccgaatcaag	ttgcagtttc	ccttcacatc	tatacccttc	ctaacgccgc	cgattatggc	600
taccatatct	tcgatggggc	cactggaaag	gccagttttg	tatcgcaagc	acatgctcat	660
tcgaataactg	agaagcctgc	ttgtcaggcg	tgacacacaa	acgtcctgaa	atagttgtcg	720
tcgaccgacc	actatgg					737

<210> 5024

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5024

tgtatctttt	ccctcctcat	cctcttttccg	gtagatctcg	ctggttgcgtg	tcttacgtat	60
agacttaaac	ccctcatcat	tcttgtgggc	caatttgact	attacacagc	tccgttgaag	120
ctgtcgccct	atccctccag	cgaagcataa	tccattagac	atggttggac	tcgcttcggc	180
tgctggcctc	gtcggttcc	tctctgaacc	agaccctgag	ctgcgggttt	ttgctttaa	240
gaccctagat	tctcagatcg	atttgctctg	gacagaagtg	gtggatgctg	ttccacaaat	300
agaggctctc	tatgaagatg	aaaccttccc	agaacgcgag	ctcgtgctc	ttgtcgccgc	360







ttgtggctgt	cgaggataca	cggcgtat	ttgagtcctg	tggaaggtgt	cggcagggtt	360
tgtgggattt	gtgccctggg	attcgggtta	ttgttttagg	ggaggagggg	cctagggttg	420
ttggtatttg	ggagttgttg	ccttttgctt	attcttgagg	tggtagggag	tagcggnttt	480
tcttttcttt	tcttttcttt	tcttttcttt	tttttcttct	ggtatactcc	agtttggggg	540
tcgaggggtg	tatgtcggga	ccctttgtta	tatgtttctg	tggcacttgg	agttgcgttc	600
aggctacgct	tgaagatgg	aagagaagaa	ggtattttga	atgtctggct	attattatta	660
tcagattaaa	tatatgatct	aaacgcaaaa				690

<210> 5031

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 5031

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acccttgcc	aacaaggcga	aaggtggcat	tcggaccgat	tgcacgcgat	acagtcggat	120
tcacgtcct	gacctctcc	atggtctata	ccaccgtgg	tcaaaagctc	atttatcaga	180
caggaccctg	ttacgaggca	ccgctcgct	gcccgggctc	gcacgacagc	acggtgccca	240
accagatatc	cgtctttctc	cagatcccta	tctatcttgg	aggtgccctg	gcggaagtgt	300
tttgtcttac	cacgggaacc	gagtatgcct	ataaccacgc	ncctaagagt	atgaagacac	360
tggtcaggc	gatctggctg	gcgatggctg	gcatcgggac	gtgcctcgcc	ctggcgttta	420
ccccgttgac	caaagatcca	catctaatta	ccatgtatgc	tattttggcg	gngcttctgg	480
gtggtgcgac	cgtcttggtg	tgggtgctgt	tccgccat	ggacaaatcc	aaagatgtcg	540
gcgggtgaga	aactgcggta	acctctggat	aggatagggc	aatagctgcn	taatgggttt	600
taaccgtgg	gaacatggag	atgtcggctc	aggtgtaaat	cagggtggtt	gatggtgctt	660
gg						662

<210> 5032

<211> 717

<212> DNA

<213> *Aspergillus oryzae*

<400> 5032

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caaaatgtct	gccatcgcca	gatccgtccg	ccccttcgcc	tctcgctgc	tttcccagaa	120
gctccctctg	gcgcgcgat	gcagggtttc	gcccgcact	gctttcccg	ggggaagtgt	180
taggaacttc	tcccagaacc	cattcatgga	gctgaagaag	tacaccgagt	ctcacgaatg	240
gattgagttg	gccgctgacg	gcaagactgc	caaggtcgga	attacagagt	acgctgcccc	300
ttccttgggc	gacgttggtg	tcgttgagct	tcctgaggtc	gacgccgagg	tcagcgccgg	360
ggaaccggtt	ggagctgtag	agtctgtcaa	gtcggcttcc	gacgtcaact	ctcctgtcag	420
cggttaagg	atcaacgtca	actcaattct	ggaggataag	gccaaagtca	tcaacgagag	480
ccccgagggt	gacgcctgga	tcgctgagat	cgaggtcaag	gacgcctcag	agcttgacaa	540
cctgcttgat	gccaaaggct	acaaggaaac	ccttggtgat	gagtaggggc	gcatgctcgg	600
ataaggaaaa	tgcgtagatg	cgatggtatg	tcaaaatgaa	gcgctcggtg	atcatgggtt	660
ttttaatgtc	ggattgttct	gttttacc	cgaggaaacc	aattattgtc	tcttttg	717

<210> 5033

<211> 538

<212> DNA

<213> *Aspergillus oryzae*

<400> 5033

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cagcgcgcc	tccgccaaacg	cttcgtagaa	gcatacccag	gcttcgaacc	ttacattgat	120
gatatcctgc	cgaagaaagc	tcagctcgat	gctgttaa	ttcccga	atgcaccctc	180

tacacaatcg	actccacacc	cctcttctac	caaccccaag	acggccctcc	cattccacac	240
ctaaaactca	tccaccaata	tcccaccgcc	ctcccaaccg	tacaaatcga	ccgcggcgcg	300
atccgcttcg	tgctagccgg	cgccgcgctc	atggcgcccg	gattaacgag	tcccgggggc	360
cggttaccgg	agaaggagaa	tgcgttggag	gcgggacagg	tggttgctgt	tttggcggag	420
gggaaggaga	cggttgtct	tggtgggacg	ttgaagatgg	ggacggagga	tatgaagagt	480
aaggggaagg	gggttgat	ggaggatgga	cattatgttg	gggatgggtt	gtggagga	538

<210> 5034

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 5034

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tgtgatcccc	accttttttt	ttttgttcca	tatcaggaac	tgtcagaaat	catggcctcc	120
atcgatccaa	atgtaccaac	aactacgttg	ccatatacct	gcaacacctg	tctcgttgct	180
tttcgcggtg	gcgatgctca	gcgggatcat	atgcgcaagg	actggcatct	ctataacatg	240
aagcgccgca	tcgcgtctct	gccccagtg	tcccaggagg	tttttaacga	caaggtcctt	300
gctgccaaag	ccacaactag	tgctgccgcc	gccaaagctt	cctttgagaa	gacatgtgtc	360
gcctgccaga	agacattctt	cagcgagaac	tcgtatcaga	accacgtgaa	gagttccaag	420
cacaaggccc	gtgaggcaca	gatgcttaga	gacagcgccg	atgatgcata	gtctgtcatg	480
agttctactt	tctctctggg	cgagccagtc	aacaagcctc	gtgagcggtc	ggaggtgtcg	540
aaagttacgg	agagtctcaa	gaacgctacc	atcgaatacg	atgacgaata	tgangaaatg	600
gagagcaggg	catctcgcc	tcccgttggt	ttttttgtat	gagaaatctt	aaaactttta	660
caaaacaccc	aagcccatgt	tcagaccac	ggcttgttca	tccacaagaa	agactatctt	720
gttgatttgg	aagcact					737

<210> 5035

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 5035

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ccattcgccc	gaaagaaccc	attttcctgc	acagtccaac	cagcaatcac	ccaacgcaca	180
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tccggcatcg	gtcgcagcac	cgctaaggag	ttcgctcgca	cggcgcccga	gaacctgaag	300
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gaagtcgggtg	acggcggtgaa	gacattggcc	gtgaaactag	acgtcagcaa	cccggccgaa	420
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ttcaaaancg	gggtgatggc	ggtcgtggag	acatcattaa	cattggaagt	atcgctggtc	660
cgtgaagnct	atccgggtg					679

<210> 5036

<211> 762

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

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 cacgcactaa ctaaagcact cttacagagg actaacgggc tttgctggtg catacatttg 180  
 cctatgggga ctttgccgtt ttcaatgatc ctgaccagga agagaatata ctgcagaaga 240  
 ccgccagttt tttgaagtac ggctcttttc tagatatctc caacttggcc aaggttatgc 300  
 gaaactggct tggggatatt acatttcagg aagcatataa tagaacgcgc agaatactta 360  
 acatctgcgt ttctagtgcg ggaatatatg agcttcccaa gctattgaac tacatcacag 420  
 cacctaacgt gctgatttgg tctgcagtag cttgctcgtg ctcggtattca ttagtatttt 480  
 cgccgtttgt ccttatggcc aaaaatacac agacaggaca gcaatcactt taaaaccact 540  
 tcatacgcag tatatcgatc gtataccaga agcttaatta ccacttaacc gttctaaaaa 600  
 caatgatcaa ggataaccat tccattacgg aaccagttaa tactaagtcc atttccagaa 660  
 atcgaatcac tattgcatct cccaatggac catggaaacc ctcttgatta gttccatttc 720  
 gaatgatcac agactcatac cacgaatcag ttaccatggt tt 762

<210> 5037  
 <211> 691  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(691)  
 <223> n = A,T,C or G

<400> 5037  
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 ggaaagaacc gataagcaag atgacagacc atgtcgatgt cccagaaacc aacaaggcct 120  
 tcgtgccccct cgaaaacaac ccagaagtga tgtcgactt agtccaccag ctcggtctcc 180  
 caccaagcct aggettccaca gacgtatact caatcgacga gccagacctc ctagccttcg 240  
 tcccccgctc ctgcacgcc cttctctctg tcttccccgt ctccaaaacc tacgaatcgt 300  
 cccgcataac cgaagacagc aagctcaccg actatactgg ctcgggacct tcggaaccgc 360  
 tcatgtggtt caaacagacg atccggaatg cttgcgggtt gatcggattg ttgcacgctg 420  
 tgtccaatgg agaggctcgg aaacaggctc ttcttgatc ggatttggat gggcttttgc 480  
 gggatgcgga gccgcttagt cctatcgaca gagcgaatct actatatgag agcaaggcgc 540  
 tagagagtgc tcatgctgat gcggcgaaat taggtgatac tacggcgccc caggcagagg 600  
 atttccgtga cttgcacttt gntgcgtttg tgaaaagggg ttgatggaan ggggtgtggga 660  
 cctgatggga ggangaaggg tncgttgnaa a 691

<210> 5038  
 <211> 750  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 5038  
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 cgacccggcc agaaccacac cattctttct ggggttgaac ggcgtccagg gagccgaaa 180  
 gacgggtgctg gtgtccactc tacaatcgac tctgcgttcc ccgccatact ccctccccgt 240

tatcactctg	tcgctcgacg	atctatacct	cacccacgag	gaacaggtca	atctcgccaa	300
gtcgcacccg	gcaaattccac	tactgcagca	tcgcggaaca	cgggggaccc	atgatctgcc	360
attagccaag	gaggtctttg	aatctctccg	cgcggggccga	gccacggcta	ttccgcagta	420
tgataaatcg	gcgtatgcgg	ggcaagggga	tcgcgtaccc	gagtcgcaat	gggagattgt	480
taacggtgag	gggcaggaga	agataaagg	cgttatcttc	gagggctggg	gtgttggttt	540
ccgcgctttg	gatgatcagc	tcctgcgcga	gaagtgggat	gctgctgttn	tgccgaaaga	600
gaagggcgac	tatgatggac	ggctgggata	tgtgccgttt	gaggccgcca	aggcttgtaa	660
tgatgcgctg	aaggactatg	atctgatcac	ggatcagttg	gatgctttga	tccatatnga	720
tgcccaagac	ctacacttcg	tctatgactg				750

<210> 5039

<211> 1091

<212> DNA

<213> *Aspergillus oryzae*

<400> 5039

gccaactacg	acgagctatt	gctgaccctt	ggttcgaccc	tgggtctcaa	catcgtcaca	60
caaagccagc	agttccagcc	aggcgacgag	ctactgacga	ccaatcatgc	atacagctcg	120
gtgaccatgc	tcctccgaca	tgttgcaaac	cgggatggcg	ccaaagtggg	cattgcgcag	180
gttccattcc	ccgttgcatc	tgaggaggag	attgtccaaa	gtatcctggc	gtgtgtgaca	240
gaacgaaccc	ggttcgccat	cattgatcat	attgtcagcc	gttcgggctt	ggtgttcccc	300
atcaagcgca	ttgtccagga	actagcggac	cgtggggtag	acaccctcgt	cgacggtgcc	360
cacggccccg	ggcaggtgcc	agtggatctc	catgacatcg	gggcagcata	ctacaccacc	420
agctgccaca	aatggatgtg	tgctccgcgc	ggggtgggat	tcctgtacgc	gcgtcgcgac	480
cggatccgcg	gtctcaagcc	cctgatcatt	gctcgctctg	gccactggcg	ggactcggac	540
ggggccgcct	acagttgggt	ggagcatacc	tttgagtggg	acggctgtca	cgaccatctt	600
ggcgtgcata	gcatgccaaa	gattatcgag	tttcttgaaa	ccgcgctgcc	gggcgggtcat	660
gctgccatgg	tcaagcgaaa	ccatgagctt	gctgttgacg	cgcgccggaa	agtgtctggg	720
atacttggtg	ttgaccttcc	ttgccagat	gatatgattg	ccaatatggg	ggtgttcccc	780
cttccagact	cggtgttacc	agagactcag	ggcattctcc	ctctgtgcaa	gacgctttgg	840
gagaatgatc	gtgcagagat	ccagtgttac	cactggccgg	cctacccgaa	acggatcttc	900
cgatttagtg	ttcagctgca	caacagcatg	gagcagtatg	tctggctggc	ggggaagatc	960
aaggccgcac	tagatgagga	gactagaata	gcccgaagc	atgctgcaga	ggtcaatggg	1020
cttggaaacat	agaatcgagt	acgctccgat	gatagcacag	tgactcacct	catgaattga	1080
cttgagatta	a					1091

<210> 5040

<211> 760

<212> DNA

<213> *Aspergillus oryzae*

<400> 5040

gcgtcgtagt	atcccatctt	gcgagcaggg	ggataatcaa	ctacagtagt	agtgtctatta	60
ttgcttggtt	atagtatcca	tctacaatgg	accgttctaa	caagccttcg	gccatcggcg	120
tgggtgcata	tgtgcctcag	cccactatct	ccctccgcga	taatactgtc	gaagccacgc	180
tgccctccgg	cgaatctggt	acgatccacc	tgtacggagc	tactgtcact	tcctggaaat	240
tagcaaatgg	caaagagcaa	ttatttgtga	gcgagaaggc	tcattcttgac	ggttcaaagc	300
caatccgcgg	cggatatcccc	gttgtgttcc	ctgtcttcgg	tcctcctcct	cagaaccatg	360
ccacctcctc	ccttccacaa	cacggctttg	cgcgtaacag	tacttgggaa	ttcttgggca	420
agtcatacat	ggaatcccta	ggcaaggatc	gcagcggaga	tggctctgtc	aagctggact	480
tcggtctctc	ccgccccatg	ctcacagaat	atttccagaa	ggcatggccg	tacgacttcg	540
ggctggtata	tagcgttact	ttgaccaagg	agagtctgga	gacgtctctc	caggtgcaga	600
acaagggtag	tcagaatttt	gacttccagg	tattgatgca	tacgtatctc	aagatcgacg	660
acatctccga	tatccgcgct	aagaacctcg	aatctaagac	ctacgccgat	aaaacacaga	720
atgctgcccgt	catcaccgaa	accttccctg	cccgtgagat			760

<210> 5041

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 5041  
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 tggagaagct ggcgatttat tgtgggtcgt tgtctggggc aaatattgctg ccggagggttg 120  
 cggcgagagaa gttcagttag acgactattg gatatgatac gccgccgatg gatgtcaaag 180  
 ccgaggatgg aagtccggag gacaataaga ttaagattga tgagcagagg cagggtgaaaa 240  
 cgaggccgac gcatacaaag ttgacgcggg tgccgcagga gcttgtgacg gttgatgcgg 300  
 agctgtggcg gacgttggtt ggacgaccgt atttccatgt caatgtgggtg gatgatgtcg 360  
 cgggcgttgc gctgagcggg gcgctgaaaa atatcgtggc attggcggca ggtttcgtcg 420  
 ccgggaaagg atggggagaa aatggcaaag cggcagtcac tcgggttggg gtggtggaga 480  
 tggtagaagt tggacggact tgggtccac agtctgtcaa tgagaggacg tttacggagg 540  
 aaagtgcggg cattgctgat ctggtcgcat cttgttctgc tgggaaggaa tttcgtctg 600  
 cgaagcatgc cgtggagaag ggggtgaatg tagatgagat tgaaaagact gagatgaacg 660  
 gnnacagagtt gcagggaacg tca 683

<210> 5042  
 <211> 1049  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5042  
 gggggccaccg ccgattcggc acgaggtctt agccaacgac agccgacgcc tcgtcaaaac 60  
 acccaaaatg tccaccaccg ttccagaccg caagaagcag cgctcggcca tcgccgatgt 120  
 cgtctcgcgc gactacacca tcaacatgca caagagagta cgttgaatca caacaggcta 180  
 agacactagt ctctcgtatc cctacttgca cacatcggtc gtattctcgt cgatcgaacc 240  
 ccgatctgcg gaacaagaca aacaagcaag tttcgacatg gaggcaatgg acggagaaca 300  
 ctgcaataat cttcttgcca ccaaaacctt ttctctgtgg cttggaatca atctacagaa 360  
 aagggaggga tgaaacatgc ctgcttttgc gtgtgtgtgt ggaggaacaa tcatcaggcg 420  
 ttcccaagaa accaagacca aaaaagaaga attagtttta tgaagtccac ctctatggcc 480  
 gcaaactctt ttccgagatt tttctcaaga tcatattttt cccagatggc attcgggcgg 540  
 aagactaatt caactttttt gtgggtatag ttgcacggtg tttccttcaa gaagcgtgct 600  
 cctcgcgcta tcaaggagat caaggccttc actgagcgtg ctatgggcac caaggatgtc 660  
 cgcctcgacc ctgccctgaa caagaaggtc tgggagggcg gtgtcaaggg cgttcctttc 720  
 cgtctccgtg tccgcctctc ccgcaagcgt aacgacgagg agaacgccaa ggagaagctc 780  
 tactccatgg tctacgccgt caacgtcaag gagaccaagg gtctccacac cgatgtcgtc 840  
 gacgaggagt aaacggggaa aatctttttt atttccatat tagatatacc ttttggtact 900  
 ctatgaaatg atgggggttc tctctgtttt tacgataccg tccgggtcgg gtcttgctcg 960  
 gttgggttgg aacattttaa ttaaaaaaat cggaaaagtt tctgtccctg tcgtgaaaaa 1020  
 aaaaaaattg aaaaaaaaaa aattcctgg 1049

<210> 5043  
 <211> 668  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

<400> 5043  
 cgtctatcaa gccgagatat caccaaaaga aattcgagga cgagttatat cactgcaaca 60  
 atgggctatc acatggggta tcttgattca atattttatt caatatggcg cgagcaacat 120  
 cgacggcgcc ccaaaacaacc ccacgcagag tactgtgctt tccgcattc cttggggtat 180  
 tcaaattgta cccggcgcta ttctcttctt tggcatgttc ctcttcccca agtctcccg 240

ttggctcgcc	agcaaagacc	gttgggagga	agctctgcag	gtgctatcga	agctacacgg	300
tcaaggagac	gtcaaccacc	ccaaggtcct	cgccgaatat	aaggaaatcc	angaagctct	360
ggcgtagag	cgggagcaat	cagctactgg	gtttcaagag	atcatcaagc	ctctcatttt	420
taagcgcgtc	atcttgtgta	tgagcttgca	gatatgggog	caactgtggg	gaatgaacac	480
gatgagtact	acattgttat	attatgcaga	agacacgcag	ctggatggcc	cttctaaccg	540
cctaatttaa	taatttttaa	tacgggtgtg	accctcccgg	ccttatttac	ctggagaaaa	600
ttgccggcgc	ccacaattat	attgggagat	tccttcagca	atcttccttt	acttgaagga	660
gggagggg						668

<210> 5044

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 5044

cccgcgcggc	ggattctgtc	gggtttctcg	ctgagcggaa	gccccataa	caaagcgccc	60
ggacacatgt	cctctttctg	cgcaaatagc	ggcctcctaa	tggcgcgccg	acgacggctc	120
tcgcatcttc	gccaaatact	actctccgcc	tgaccccccg	gccggtgctg	cccccaattg	180
caccgattac	ccgggcgcaa	acccctatcc	cacggtcaaa	gaacagaagg	ccttcgaaca	240
gggtctcctc	gagaagacaa	acaagcagac	tagcgatgtg	atcctatacg	acaaccggat	300
cgtcgtcttc	aagatggaga	gcgatgtcat	gctctacgtt	gacgggagtg	ctgatgagaa	360
cgaagttctg	ctttataatg	acgcgttgct	attgagggat	gctttgggta	tctagtacaa	420
gggtgctact	gacaagcgca	cgattgtcaa	gaactatgat	cttggttgctt	tggctatcga	480
tgagatcatt	gatgacggta	ttattctgga	gacggaccct	gttcttatct	cctcgcgtgt	540
gagccggggc	cctcaggccg	atgcgccgaa	tctgaagagt	atcgatctgt	ccgaacaagg	600
tctgctcaat	gcctgggaac	tgtgaaagag	gcgctnngcc	gaaggcttgc	ggcaaatagt	660
gaggggctta	cataccactt	gggcgggctt	gaatgggc			698

<210> 5045

<211> 626

<212> DNA

<213> *Aspergillus oryzae*

<400> 5045

ctcaggttga	gatctggggc	accgccacgt	cccatgccgt	tgtttaagtc	agtgatcaat	60
gctgccggcc	tggttggtgc	cgtcgccggc	cagtatttcc	ctccaacacc	cgaaggcttg	120
aaggtcatca	attcgaagca	tcaggaaggt	gttaagatct	cgtacaaaaga	acctggattt	180
tgcgaaacca	ccccaggtgt	caaatacgta	tcgggttacg	tgcattcttc	ccccgggtact	240
ctcaacgatg	tgtaactaga	ccaaaattat	cccatcaaca	cgttcttttg	gttctttgaa	300
tctcggaatg	atcctcgaaa	tgccctctct	tctatttgga	tgaatgggtg	gccaggaagc	360
tcctcgatga	tcggcctgat	gcaggagaat	ggcccttgcc	gcgtcaacaa	cgactcaaata	420
actactgaaa	taaaccctcg	gtcatggaac	aactacgtga	atatgctcta	cattgaccag	480
cccaatcaag	tcggettcag	ttacgatgtc	ccaacgaatg	gtacccatga	actgcttacg	540
ggtaattggg	acgtttcttg	ctatccggac	ggtgtcccgg	agcagaacaa	cacattttac	600
gtgggcaccc	ttccctagcc	agaaca				626

<210> 5046

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<400> 5046

ggcacgtga	acacttactc	taccaagatc	taccaaagg	tgtttcccaa	cgctgggtcag	60
attgctctca	tcaatgctct	caatgcgacc	tttggaaatta	ttttcacgct	caacgctgtc	120
tggattattg	atcgattttg	gcgcaaattc	cttctcattg	ttgggtggcat	cggatatggga	180



atctgcatga	tcctcgttgc	agcgggtcgag	accgaaaacc	catcaattgg	tgatcccggc	240
tcagacgtca	agagcacgcc	cgtcggcata	tcgatcgtat	tcttactctt	tctattcatc	300
ttctttttaca	aaccttcttg	gggagctacc	gtgtggattt	ggacatctga	gattttctct	360
atgaatgtca	gagcccaagc	ggtgggaatg	gcctctcaga	cgcagaacgt	cgccaatgcc	420
atcgtccaac	agttcttccc	aactttcctc	aataactgcg	gcttctacgc	cttctacatg	480
tttgccggta	tcaacttcct	cttggtcagtg	ttcgtgttct	tcttcatccc	cgagaccaag	540
catgttctct	tggagagat	cgatgctctc	ttcgggtggc	ctaaccacgt	caaacacggc	600
gaagaacttg	tggcgggtga	gaagcactgg	aagtgatgca	gtcaaacaca	cgtactgaaa	660
atgctgaa						668

<210> 5047

<211> 377

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(377)

<223> n = A,T,C or G

<400> 5047

cctcgtgcag	gccgtatctc	ccctttggag	cgggacgcca	ccgctgcac	ggggagaaat	60
ttgcctatct	taatctgggt	gtgattgtgg	ccactatggg	gcgtcacctg	cggttttcaa	120
acctggatgg	acagacaggt	gtacctgaca	ccgattattc	atcgcttttt	tcggggccga	180
tgaagcctgc	acgaatccgc	tgggaacgtc	gggctgcaaa	atcgggataa	tcgattatct	240
cgagaaccaa	tccagcgcgc	ataggtgtat	tcgcttttag	acgcctcatg	cgttatgatg	300
agctatgccg	gacgtgagag	agtaaaattt	ccttctaaat	gggtatttta	ttttttttta	360
tcaaaanana	aannnnnn					377

<210> 5048

<211> 1289

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1289)

<223> n = A,T,C or G

<400> 5048

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atcttggtgc	cagcgaagaa	taagatcacg	ttacgacatc	tcttgacaca	ttcctccggc	120
atcgcgtagc	acttcctcga	tcctaacata	atacgttggc	gcctgtcgac	gggtcgact	180
cccgacatag	gtgaaagcac	gccactattg	cagcgaccca	atctccccct	ccttttcgag	240
cccggcgagg	gcttcgtgta	cggctattcg	ctcgactggg	ccgggatact	cgtcgccccg	300
ctcaacaata	tctccctaga	ggactacatc	caaaagaaca	tttgcgaaac	actagcgatc	360
acagacttga	ctttccacct	ggagaagaac	gacgaggttc	gctccaaact	agccgacttt	420
aattttccggt	ccggcggtat	aactcaattc	ggcaccgccg	cagacccaaa	tggttcaatc	480
tccttgacac	canggcgcgt	atggccggac	cccgttgctg	aagagtatgg	tggatggggg	540
gtgtttcacga	gcggaccgtc	atttttgaaa	gtccttgcc	ctatttctgc	gcaatgattg	600
aaaagattct	gcgccccgtg	tactgtaaac	gaatatgttc	aaggatcagc	tatccgcgcg	660
ctccaaggag	atgttgaatg	catcactgtc	cattccatag	ataaacaatt	ttcttggtgg	720
gacaccgcta	gggctgcaca	agacttgggg	gctcggcggt	atactcggct	tggagatca	780
tacaaccggt	ccaaatgctt	gaagacttcc	gtgggtcggc	ttgcccaatc	tcttatgggtg	840
gattgatcgc	tccgttgggt	tgtgtgggtt	ttatgcgagt	caactgctgc	ccactggaga	900
tcccatgagc	gttgagcgag	ctactgtgtg	tatccaatat	atgtatgata	gggtggagggt	960
gcttcgcgct	cacgtgtgag	ttgatggcta	gtctgcggat	gctacgcata	tcagctcacg	1020
cctgcctagc	taattgaccg	atctctgcgt	tgtctccaga	tcaacaatac	cttgagtcag	1080
cctcgtatgg	ctacgtaatc	acgtgctgtc	aatatactac	ttgcgactgc	tacatcctat	1140
ccagaccaag	ctcttctcct	gtacggtatc	tccaggccat	tgtcccagag	aaccgcgcc	1200

ccctttcaat	atgtaccggt	cagcgacacc	cccactgggtg	gagcttttcc	tgacataaag	1260
aggacgctag	tttcttattc	tcccagtcc				1289

<210> 5049  
 <211> 710  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5049						
ctacctctc	cttttctctt	ccccgtttat	ttccaccctt	ctatagaaca	caccgtcata	60
atggctgcc	accccggtcca	aatgggtctc	ttcgtccacg	aaaacactac	ttcccccgag	120
caccccagct	tggttgagtat	gttctctctg	aagggtcaaga	cgcctatcgt	tactggtgct	180
ggcgccggta	tcgggtcttgc	tgtcgccaac	ggtcttgccg	aagctgggtg	caacgttgcc	240
ctatgggtgga	acaccaacga	caagtgcctt	gagcgtgccc	ctgagatcgc	ctccaaatac	300
ggtgttcaga	ccaaggtcta	ccaggtcaac	atcacccgat	ccgaggccgt	gcaaaaggcc	360
ggtgaccaga	cgggtgaagga	tttcaacggc	cgtctagaacg	tcttcattgc	caacgcccgt	420
atcccttgga	cccaagggtcc	tatgggtgac	ggccctctat	cgcactacac	cgacgttgct	480
agcattgacc	tcgacgggtac	cttctactgt	gccaaggctg	ctgccggcca	ctggaggaga	540
cagaaggagg	aggggaaccga	ccttaacggc	aacaagttga	ccaacttcac	ctaccggagc	600
ttcgtggcta	ccgcttccat	gagcggtcac	attgtcaact	tccttcaaat	gcaagcttgc	660
tacaacgctg	ccaagttggc	tgtatccatc	tctgcaatct	ctctcggggc		710

<210> 5050  
 <211> 592  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(592)  
 <223> n = A,T,C or G

<400> 5050						
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gcataaacgt	gacaaacaag	ttgaaggaac	ggttctacca	tgaatacgtc	ccggagctac	180
tagatagcct	gcaaaacctc	aacgaaatgc	gcgtatcgaa	gttgaattca	ctatggtcac	240
ttgcggcgca	actggaaaaa	tcttcattat	ctaagagtat	ggaacacatg	gcccattctac	300
tcaacgaaat	cccacggaat	gtcccacacc	tcgattcgct	catgttccctg	cgccacaatg	360
tcagccagtc	ccaggaacca	cctaatatga	cctttgagcc	tagccctggt	tggcacgatg	420
acgaagcgct	tgtcacccgat	gagactgcga	aggtcttctt	gcgcaacctt	ctcagcaaga	480
gtaaaaacaca	ggtcgcagaa	ctgagagttg	aggccgacca	gaaacgcagg	gatgtcgaaa	540
ggtccaagcg	gatccgcgag	aacatccaac	aaggcanaga	ctacctgagc	ga	592

<210> 5051  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

<400> 5051						
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gccggtgata	aatattagtc	atatcaaccc	tcgcgctggc	atccgcacat	ttctggccgg	240
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gccccgtcgt	actccacctc	attgcaactcg	aaccaatcac	acagccaata	gtaagcagga	360
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tgctttggat	attgcgcaga	atgaaactgt	cgaatagacc	gatcagcccc	gcgtatgtgc	600
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<210> 5052

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 5052

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ttatggatgg	ttcttcaggc	acaaactttg	catcgggata	gtattgacat	tntacacgga	480
catgtttttc	tttttcattc	tttgctcctg	cccgattttc	aaaacttgca	ttgctttctg	540
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<210> 5053

<211> 972

<212> DNA

<213> *Aspergillus oryzae*

<400> 5053

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<210> 5054

<211> 652

<212> DNA

<213> *Aspergillus oryzae*

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<210> 5058

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<400> 5058

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tcaattggcg	cttttcaggc	agctgaccaa	ggttcacaag	ataccggtt	tccgtctgct	180
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gcgttctgca	gcgatcaaat	gccctacagt	tttaaacagg	ctggccgggt	gtaagattgt	420
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<210> 5059

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<400> 5059

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cgaagtacgc	gtttgagaag	gatggcaaga	tcctttcttt	cgaagagatc	aagaccgagg	180
aggacctcgt	cccccccggt	gctaaggccg	gtaccgtccc	ctccgacatc	gagcaggcca	240
ctggctctga	gcgtcttgaa	ctcgtcgga	agatgcaggg	cattgacatc	ttcgacatga	300
ggcccctcga	tgcctcccgg	aagggaactc	tcgagaaccc	catcatcgtc	aacggtgccg	360
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tgaccgtctc	tcgtgaccgc	cccatcgagc	gctgcggcga	gtgcggcaac	gttgtcaagc	480
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accccgctcc	cgaggagccc	aagactttcg	ccgactacgt	caagcctgag	tactggtacc	600
cggtaaatat	ttgacacaat	aatagcgcag	tcataatttt	cttctcaccg	gggaaataac	660
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<210> 5060

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 5060

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gatttc	gctg	gctg	gtgg	tcttcag	acg	aacctt	gccc	ttaagg	gtat	tatcgg	tatc	180
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aatatc	gcgc	atacct	acat	cgcga	agtgg	gaaga	attcg	gcatgt	ctcg	agacgg	cacg	300
catgct	aaaac	ttgcct	atga	ctgg	tatgga	tcttg	gacta	cgattt	tataa	cttgt	tatgcg	360
gatgcc	cagc	tttgc	ttcca	cctgg	agggc	accgac	attt	tcctgc	caca	tggc	agtc	420
aaagtc	actcc	actcac	actc	cggga	agagt	ggattc	ntnc	cacatc	acat	ctacca	aaaag	480
cagtc	catct	tggtcc	acta	ttgtcc	gcaa	aagta	cggtc	ttccct	ggac	aagcc	gcctt	540
tggac	actta	aaaaaa	actg	gaagt	ctttt	ttttg	gctgt	ggcaat	gaag	aacttc	cctat	600
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<210> 5061

<211> 619

<212> DNA

<213> *Aspergillus oryzae*

<400> 5061

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tacatg	gaaa	aagagg	tcgg	gatc	agtg	ac	taaa	actag	cccact	tata	gtgtcc	ctgt	180
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gcgcag	atac	cacgag	aaac	actcaa	aaaca	tggt	acgact	cttaa	atcag	acatg	ataac		420
actcacc	act	catgt	gcaac	atcc	accata	atcac	gagaa	cgc	atcg	tca	ccatc	ataca	480
ccacca	acat	cagc	actcac	caaga	acgtc	acaac	attca	acatc	cctcaa	cgacc	g	tatc	540
ttcatg	gata	acgc	aggaca	agaaa	actgtt	aaac	cttgtt	gcaat	cacca	cacga	aa	ccc	600
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<210> 5062

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 5062

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tcgtg	ctcag	cacg	ctattg	ctcag	cttga	caagg	agctt	tcca	agtacc	ctgtc	cctcaa		180	
caacct	ttag	cgtca	aaact	ccgtc	cccaa	ggtc	tacgtg	atcct	tggtc				240	
ttacac	cttc	ctgg	ttttt	ct	taac	attgc	cgg	tga	attc	ctt	gtta	acc	tg	300
catcat	ccct	ggct	actact	ctct	caac	gc	attg	tcacc	gctg	gca	agg	ccg	atg	360
acagt	gggtg	acgt	actggg	ttg	tttac	gc	cttct	tcgcc	gtc	gttg	gaga	gtg	ctgt	420
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ccg	cttcttc	gctg	gcgg	aa	acac	ctggg	g	caac	cttc	gc	gcc	agg	ctg	600
caagg	cccag	taa	atag	act	gtaca	aggtg	agat	ggc	att	cg	cg	gtg	tgt	660
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<210> 5063

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5063

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ccctagacat	atagttgctt	tttatctgct	ccatcacagg	aaaagttncg	gtttcaaggg	600
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cgcttttttt	ttgn					674

<210> 5064

<211> 896

<212> DNA

<213> *Aspergillus oryzae*

<400> 5064

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aattatccgc	atcttcttcc	ccgagtcgaa	gcaattcctc	gaagccaaga	aggccggcaa	180
gaagtccatg	agcgcggggg	cattctggaa	agaaaccaag	cagatgctgg	gccaggagtg	240
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acaagactcc	tacaccacgt	tcattgttgac	gcaaaaggga	atggaaaatg	ccggcgccctc	360
ccgcgcaccc	atcctcatga	aaaccgggtg	ctgcgtcggt	ggaacaatca	tcggatacct	420
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gtaagccggc	gccgccttac	gggccaacca	tgggcgtggc	tacggccatt	atcgcgacag	780
gaatcattgt	caccacggca	ttccgaccgg	agaaacgtgg	acgaagattc	cagactgctt	840
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<210> 5065

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<400> 5065

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aaaccgcgcc	atggtgatag	aaaagcggga	tatagatgaa	gacaggctta	tgtttcgggt	540
cggttgcagc	gcttagttgc	gatgagcact	ggctgaattt	aattggtttt	gatacgctcg	600
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<210> 5066

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 5066  
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 ggacgagatc aataaccctg cgaatgacaa caccgagcta tacgggcggg cgaaactacc 600  
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<210> 5067

<211> 713

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(713)

<223> n = A,T,C or G

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 catggtcatc aaccaagagt ttaaagaagc cttacgtcaa atcctttggc aatttcgggc 240  
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 cctccatcaa catcngnacc actactctgg actgggatct ttagggctct acgctgtcgc 480  
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 cacgtngatc aaatatggcg tttgtaatct cgacacatta tgcgtgatc tcagccaatg 600  
 ggacacgcta tatcttgctg ggcgggtaca gaagccaggg aagattctgc gtgaccattc 660  
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<210> 5068

<211> 1270

<212> DNA

<213> *Aspergillus oryzae*

<400> 5068  
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 attactctaa caccacccaa atcaagagca gcgacctgat actcaatcca acagtcccga 180  
 cagagcagta ccgatcaacg cgatgatggg cgcataactc caatgcccc attccccgtg 240  
 tccccacgac cagcaaatcg caccgtcggc aaacgcaacc gcactaaacg ccaacaacgt 300  
 ccatccgagt gacttggggg tgcgaatat cgaggccaac tagaccgaca gccccatgta 360  
 aatgtccccg actccgtaga cgtacatcag actgttcaac agctgtctgt ccgcgggttac 420  
 ggttggtggt gtccattcga agaaggtaag ggcattggtc ggccgtatga gggcgttgat 480  
 gccgaaaccg aggatgatgg tgccgaaggc gttgcccggc agacgcaggg ctgtgttttc 540  
 ggagaggggc atcttgggag gtatcgcggt ccagtctaaa tttcgagacg ggcaagggaa 600  
 atgtcgcggt taagcaaaca aaaggatcac gatagctttg gttgagaact ggaaaaaaa 660  
 aaaattcctg cggccgcgaa ttcttccagt aagaccaagg gtaccgcggt tgagcgcaag 720  
 aagaaggacc ccaacgcacc caagcgtggt ctctccgctg acatgttctt cgccaacgac 780  
 aaccgtgaga aggttcgcga agagaaccgc ggcattctct tcggtcagggt tggcaagatg 840  
 ctcggtgaga agtggaaggc cctgagcgag gctgaccgcc gtccttatga ggataaggct 900





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ttcggctcaa	cgatggaatg	atgaacagtt	ccatccactg	gagtcgggtg	gtaaagagac	900
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cgctattggg	ggagtccaaa	ttccggggctt	taacgttgat	caatatgctg	gcgccaacgg	1020
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tattgactat	ctattctgga	cctggcagac	aatgcacaag	aagacagatg	ctagtcaa	1140
aacaatcttg	ccagaatata	ctggaacgaa	cagcgttgat	agccaaggct	ctacacccgg	1200
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tagtagatgg	catgtacagg	gctgcgcgaa	ctgccagact	cacctaagca	caacagcatt	1560
tgtacctctt	tttgagctga	atgaggatga	tgcaaaaaga	aaacatgcta	ataatgaatt	1620
ggcagtgcac	ctgcatacta	ngggtaatcc	angagggtcaa	agagtgcgca	atgttaccgt	1680
gggaactatg	agatagatgg	agggtcgggt	ttatagttat	ttttatg		1727

<210> 5071

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<400> 5071

tggaatgtct	tttcgggtccg	gatgaggact	aggattcgcg	acagagaagc	ccggcccagg	60
caaggctagt	ctcttgccac	ttgcagagga	agaattcact	aagggccatg	ttggcgagct	120
cagcgttctg	tcagacttcc	gtgcgcgaat	tctaccgggt	cttggaaacca	tgctgcggt	180
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cagcattgcc	agaaaaggca	aggataaaat	ttatgactcg	gtccagacgg	ctaccacggg	300
tttcatggaa	cggttggcta	gagttgaagt	tggtcaacat	gtcattggcc	ttcgtcttcc	360
aattaccaag	ggcgacgtcg	ttttccttgt	ggacgacatc	tggcgaggaa	agagtgttat	420
caccgggtctt	cctggccgac	tcacctcctg	tccatgggag	cggcccgcct	gcggcttcgt	480
gcctgaccct	gagtgggaga	agcaaggaca	gaaattccta	ccgtttgagc	tgaaggacct	540
tgtgtgtatg	accaaggagg	agagcgcccg	acacgagaag	gaagttctac	tgtgtggaaa	600
gacaccagaa	gacctatacg	acgagaaaac	aatccagacg	gtcatggagc	gaatggagga	660
cgcggggattc	tacgagagat	ttcggtagat	gacttccaat	cttgtaacat	a	711

<210> 5072

<211> 390

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 5072

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gtctccgcct	gggtactcct	gccatgacta	cccgtggctt	ccagcccagag	gacttccgcc	180
gcgtggccga	tatcgttgat	cgcgcggtca	ttatcaccca	aaagctggac	aaggctgcc	240
aggagagcgc	tgccgctaag	ggcgtaaga	acccgaacac	tgtcaaggcc	ttcctggaat	300
atgttggtga	gggtgaggag	atttcagaga	ttgtgctctt	gcngcangaa	gttgaagact	360
gggtggggac	ttttaagcct	cctttgaaag				390

<210> 5073

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 5073  
tagaccctca gtgggaccac tagccttttt tttccgtcct tcacaccccc atccatttat 60  
taagaattat accaaagttt tcaatgacca tggctgatga acgattggaa gcgatccctt 120  
ctcctgcccaggagttggc ccaattttaca gacccgatgg cgagaagcca acagcgacag 180  
tgtcgaaaga cataccttat gaaaatgtcc atgtcttgcc tcaaacaccc cagttgatcg 240  
ctcttctaac tatgatcaga gataagagaa ctggacgtgc cgatttcata ttctattcca 300  
acagaatcat tccgtttattg ggggaaaagg gttaaaccac cttccatgg gttgagcaac 360  
cggtgacaat tcttgtaggc cgaacctatt tcgggggtcaa gttcgaagggt aaaatatgcg 420  
gcgattccat tttgaaacca ggcaaggcaa tgaaccaggc ctgagaaaat ggtgtgcaac 480  
aagttgccat tgggaaaaaac ctatttccag agagttgtgg acatatcgca ccggaaatct 540  
ttttatcaga aactctctct gtgagataat ttccacgata ggggggttaca cacctgaggc 600  
acaagtgttg caaatgtggg ggttttcgaa actctctttt gtaaaaactt taagcggcaa 660  
gttgtctccc ca 672

<210> 5074

<211> 768

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 5074  
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ccaagacctg ggaccagatt tgggcccagag gcgagatatg gtgtgttccg gtttttgggc 120  
cgtgacacac attgtcacgc cttgcatgtt gaaaccaagc ccatcgaaaa tccagattgg 180  
aacgatattc tccgcaaaca cggagttatc ccggagaagc ctcaggacct tgaacctctc 240  
attcaagagg cccttggttga ggccggagcgc aaagccctacg agaaccgact agaagataaa 300  
gatttggacg aactagatga gctcgaggac gaagaggatg aagagttcct tgaacaatat 360  
cgaaagcaac gtcttgacga gctctctacg ctccagaaaa ccagtctata caaccaagtt 420  
tacctcttcc agaagggtcg ctatggaaga gaggtgactg aggcattcaa taacgccttt 480  
gtacttgtgc atctgtcttc gtcttcgagt ggcaatgttg agtcgcagcg cttgacggag 540  
ctatggcggc agttggctac taagtttggc gacatcaagt tctgagagat tcgaggcaat 600  
atgtgcattg aanggggtatc cgagagaaac acaccaacaa tctagtgtga taaggatggc 660  
gagataagaa aacagctcgt aacacttagg gaactgaagg ccctangacc aatattgaaa 720  
tctcaaaggg atgtctctaa actaagcccc ctaaggagaa tgatgggc 768

<210> 5075

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 5075  
ggccgtagca tataatcggc ttcctatcgt ggagctactg gtggccacga agcacttcga 60  
tccagatgtc gaggaacggt caggctggac cccattgatg atcgagacca gtctaaagaa 120  
cgccgaagga gatcccatca tcgacctact cttgaaaaag ggcgcagacg taaatgccaa 180  
gagtaactct ggacagaatg ctctccactt cgcaacctoc aaagccaacc tttccaccgt 240  
tcgtacctta atagccaata aatgcagcgc cagagttaaa gataagcgcg ggcaattagc 300  
acttcacgcg gccgcagcta tcggatcctc acctataatc aaggttcttc ttcaagacgg 360  
gaagagcccc gtcaatgcca cggatatgga cggctctgact gctctgcacc atgcaatctc 420  
cgagggccac ggtgaagctg cgatcactct gcttaaggct ggtgctgaaa ccgataagaa 480  
ggacgccgat ggcaatttgg ctattgacat ggcgcgggat acaagtgttc gaacatatat 540  
tcggcaaaact gcagaaatgg agggatataga aatctaagag acgtgtaaca tgattatgaa 600  
taccagagc cttccatagc ttattataat ggtctaatat tagcaattag 650

<210> 5076

<211> 926

<212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(926)  
 <223> n = A,T,C or G

<400> 5076  
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 cctcgaggat ctctcacata tatgtcacaa tgatgccac tcagttcgcc cgcgccggcc 120  
 tgcgtgccac ccagcagttc tccgttcctc gcactgccgc tgtcaacggc ctgaggacct 180  
 acgctacccc ggcccaggag gccaagcctc ctgtgtctct gtacgggtgtt gacggaacct 240  
 atgctactgc tctgttccact gcctccgccca agtccgccaa ccttgagcag acctccaagg 300  
 ccctctccgc tctcggcgag gtcctcaagg ccgaccgcaa gttgaccggc ctcactctccg 360  
 ctcccacccct gactgcctcc gacaagtccc agatcgtcca ggagctccag aagctcaccg 420  
 gtgacaaggg tgacattgtc aagaacttcc ttgagaccct cgctgagaac aaccgcctgg 480  
 gtctgttgga ggggtgtctgt gagaagtgtt cgactctgat ggggtgtcac cgtggtgaga 540  
 tcgacctgaa catcaccagc gctcatgagc ttgacacgaa gacctcaac cgtcttgaga 600  
 aagccgtctc ccaatccac ttccagacag gcaataagct caagggtgtc accaagggca 660  
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 tttcctccaa gatctccaag ctgaataagg acctcaacga tggcctcgta attatatata 780  
 gctctgattc cgaccacgt accgtactac atccaccgac cagtagtgaa taatgagtc 840  
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<210> 5077  
 <211> 602  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(602)  
 <223> n = A,T,C or G

<400> 5077  
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 tcataagggt cagaagcagc atggaaaggc cccggctagg ttcaacgggt gtcagacgcc 180  
 ggaaattatt gttcatggcg agaggggatt caataatgtc ttctctcttg accttgccgc 240  
 ggtaaacctc gaccgcatcc aagaatggat cgaccaaggc cgcatcgacc ctgctcggcc 300  
 catcaccatc cgcgagctgg cccaatcgcg ctgcatccac caaacgaaag aaggcgtaaa 360  
 gcttcttggt cggggtgctg aatctaccct caaacaaccc atccacatcg tcgtttctcg 420  
 cgctcggca accgctattg ctgctgttga ggctgcgggt ggatccgtta ctaccagatt 480  
 ctacacggna atcggcaatc gcacgcatca tgcccggtga gatgcaccca tttctgtctc 540  
 ccgcttgac aaaggaaaat ggcagcgagg gaatgaacaa cgcccgaggg aacggagaac 600  
 cc 602

<210> 5078  
 <211> 659  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5078  
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 tectgttcga ttgcttctca accggactgt cttttctgct tgccttacga actggttagt 120  
 tgcctatggc gtgtatgggc tcattttcta cttgccactc ttgttccagg ttcagggctc 180  
 ttcagcgacc ggtgctggca taaaactgat cccccaggca gttggaacgt cgctaggctc 240  
 gttgggggct gggatactca tgcgtgcaag cgggagatat agtctgtaca gcatgatatc 300

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ttggcagcct	ttcatctact	tcctactcat	gggaattgcc	tatggcgcca	ttctcaccat	420
cacgctcgtg	gcactagtgt	ccgccgtgga	tcatgaacac	catgctgtgg	tcacatcggc	480
gtcctatgct	tttcgcagta	caggaagcac	aataggtatc	accgtcgttt	ctgcggtatt	540
ccagaacatc	ctgaagtccg	gactttgggt	acgatttggg	gacggggagg	aagcgaagag	600
attgaatcca	cggatcaggg	acagtcttga	tgaacttcgg	aaactccagc	agactggaa	659

<210> 5079

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 5079

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aaacgggggt	aattctcgcg	actcccagaca	caatcgctgg	gttaccggtg	ctcatagggc	120
cacctaccgg	cacaagaggg	cgtgcgacaa	tggtcgcgcc	gtcctcctac	acccgtatcg	180
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agaccatgag	gagtatgcgg	gcgcaaaaca	ccccaacctg	tggagagAAC	aagagcaact	480
gcgtgtgcaa	taagcacgct	gagcgcttta	ccaagaagag	gatggcctag	ctccgccttc	540
cagaacaaat	ccaggccggg	gagaaatact	ccctcatttg	gtgggcggcc	ttccaaaaaa	600
tgaaaagctt	accgtgacct	cctggaaggt	gataagctga	cctt		644

<210> 5080

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 5080

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aatcgcaacc	acagcgagag	aatcaatcat	tcgcaatgga	ttccgccaaag	gcccccggtta	120
agctcgtgaa	ggtgaccgcg	gtcctcggcc	gtaccggctc	tcgcgggtgg	gtgaccagg	180
tccgtgtcga	gttcatggat	gaccagagcc	gttccatcat	ccgtaacgct	aaggggccccg	240
tccgtgtcga	cgacatcctc	tgcttgctcg	aatccgaacg	tgaggccaga	cgtctgcgct	300
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actacgaata	cggacatgat	cgtttgccgc	gtgctggatt	gatgggtccc	ctggaagcga	540
atgttttctc	tcggtttttac	atctggtttc	cgaggagttt	gtgtggacat	ttttcctgga	600
aggacctnca	gcacgtcggg	tttatgggat	tgaaatgaca	aanaagaatt	agcngtttat	660
cgagatgcaa	caatggacat	ctcgg				685

<210> 5081

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 5081

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cttaagcgta	aatcgacctc	aaaaaccaca	gccaccatgg	gaaagaagag	acgtgggtccg	120
accctggatg	agctcttagc	tcgtccttgg	tgctactact	gcgaacgtga	tttcgatgac	180
ctcaaaatcc	tcatatcgca	tcaaaaggca	aaacatttca	aatgtgagag	gtgtgggaga	240
aggctgaaca	ctgctggagg	attgtcggta	catatgagtc	aagtacataa	ggaacagttg	300
tcggctgttg	ataatgcgct	tcccaatcgg	caaagtctgg	atggtgagat	cttcggcatg	360
gaaggtgtcc	cgaagatat	catccagtct	cacaaccagc	gggtcgtaac	acagttccac	420
caagccgagg	cggagcgaca	agcccagact	ggtaaccctc	ctcctggcgc	agggtgctggc	480
ggacagccag	cgaagagacc	gaagctcgaa	aacgtatcgg	atctgaanaa	gcgactggca	540
aaacataaag	ccaaaaaagc	cgaagctatg	actggtggaa	acaacggtga	cgtgacgcct	600
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<210> 5082

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 5082

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tggcaacttc	cgtccagggc	tggaccccc	aggcgtatct	tgaagaacaa	gtcgcgccta	180
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ctgccaacgg	agccgccgct	actgcggccg	cggcgaaggc	caaaccagca	cctcctgcgc	300
cacctgcgaa	acgccagcct	atcatgaggc	ctcgcagagg	cattgagagc	acgacaacac	360
gcgatgcaag	gcaagcacga	tgatgatgat	gagtggtgat	tgacttgcgt	tttctattcc	420
tactttctat	ttattccatt	ctcattccca	atataccgatt	ttctctcccc	gagttctagc	480
ttagagtttt	gctttggatt	tgctgggtcta	ctgataccat	gggattcatt	gtttggcgct	540
gcatgaaccc	tgncgtgtta	gatataaaat	agaatgggtg	cttaaaattt	cacccttcaa	600
gaggcatagc	atatatntat	tcatgcaaaa	naaaataaaa	aaaattcctg	cgagacgcctc	660
gagcatg						667

<210> 5083

<211> 509

<212> DNA

<213> *Aspergillus oryzae*

<400> 5083

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aagcgacca	atcttacatc	tctgactcta	cttgatacca	catcaatcat	gccggaaagc	120
ctggatccac	gtagcggagt	tatccagtcg	ggatgcaatt	aaaggggtca	ttccggcggt	180
aactagccaa	ggcctgaaac	cggagattct	gttaaactgc	gccggaatcc	aaagaaggca	240
cccgagcgag	caattcccag	atgaggactg	ggatgagggtg	atccaagtga	atctgacatc	300
ggttttttaca	ctatgccgtg	aattcggcgc	ctacctgttg	gcgcgagatg	catccgagtt	360
tccgactggg	cgtcgcggat	ctattatcaa	tggtgcttct	ctcctgtcgt	tccaggggtg	420
catcactgtc	cctgcctacg	cagcttccaa	gggagggtatt	tcccaattga	ccaaggcact	480
ctcgaatgag	tgggtcttca	agggcatta				509

<210> 5084

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5084

cgagggccaa	tttcaatccg	ttcgtaccct	aaaccctttt	atccgtatac	tcttaatatc	60
ttggaatcgc	catgtcacga	cacgcacaa	tagaggaggt	gtacgactcc	gatccagatg	120

aggtttttccc	ctccgactcc	acgccctcca	acttcaccaa	tgaatccctc	ctctccgctg	180
caggatatctc	tcctcagggg	gcctcgtcga	taccaatgag	gccagcccct	gaacctcgtc	240
gcgaaatccc	gaaacactac	cagtgcctgt	atcccgtgta	cttcgacaaa	tcgcgaaccc	300
gcgcagaggg	ccggaaggtc	ggcgcaaaagc	tggctgtgga	gaacccattg	gctcgagaca	360
ttgtcgatgc	tgcacagatg	ctgggactgc	aagtcggatt	cgagcctgag	aaactgcacc	420
cgaaggattg	ggcgaaccca	ggtcgagtac	gggtgttgtt	gaaggacgag	gatgggaaac	480
tggcaaaccc	acagattaag	aataagcacc	acctttatat	ccttgtggcc	cagtacctta	540
aagctcaccc	aacaaccgag	aaatcgccct	accgtctgag	aatcagcgga	cttccaatgc	600
cagaaaagct	ttcccccttg	ccctcctgct	ccccgcggat	tgaagatagg	cccaatcttc	660
ccattcactc	c					671

<210> 5085

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<400> 5085

gtgaagctca	ctctcgcttt	tattgagcct	cacagttgat	cacccaagat	ggcctggctg	60
atagcacttc	cccagagagg	cttcacctct	ccaatccttt	ccgtcacaac	gcctaccacg	120
gtcggcatgt	tggtcggcta	tctgggtcaat	cgcgcgggag	gaaccaaaca	aacctacaaa	180
tcactccaaa	agccggcctt	ctacccgccc	gcatggctct	tcgccccaat	gtggactgtc	240
ctctacgggg	tcattgggata	tgccgctcac	cacgcgacag	tggccggata	tagcgccctg	300
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ctagcactca	actacctctg	gatgcccctc	ttcttcggca	tccgtcgccc	tgccctggcg	420
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acagatcgga	ccgccttctg	gctcatggtc	ccctacgccc	gggtggctcg	atttgcgaca	540
tatctcaatg	ccggtgtggg	tggatttgaa	caagtggact	atcggagaaa	agccgaagga	600
tcagtaaata	gatttatggc	tctgcatttt	tactaatttg	acgtttgcat	ctctcctgac	660
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<210> 5086

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 5086

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ccatgcaaca	tgaacgcata	tactgaatcg	agcaaaaagac	atgcccctgt	gaacggacga	180
atgaaaaactc	cattacgaat	gcgacgtacg	gtaaaacggac	agcagggatg	ttcggttata	240
gccattttcac	cggaggcttc	gcgggaggtc	aagcagagta	cgttcgcgtg	ccttacggcg	300
atgttaaatct	actgcagctc	ccagcggacg	ttccagatga	gaaaggctct	tacctttcgg	360
atgtcctggc	aaccgcctat	cattgcgtcg	atgatacggg	cgtgaagaaa	ggcgatggtg	420
tagccatttg	gggcggaggc	ccaatcggcc	agatggctgc	ggaatacagc	tttagccagg	480
gggccactcg	tgtcatcctt	atcgacgggg	gagagggagc	gtggaagttg	gattttgtca	540
cgagcaagat	accaaagctt	gagacaatag	atttcagcaa	tctaccaaga	ggagaatcga	600
tcacctccca	gctaaaaaag	aatgtacctg	gagggccaga	tgtggcgcta	gaatgtgccg	660
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<210> 5087

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(658)  
 <223> n = A,T,C or G

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ttgaggagcg tattcgcaag cgagctttgc agaaggagga agtgcagcgt gtcgtcatct      180
caggtggcgc agctggtggg gttgacttca atactcgcaa ccgcgagagc cgaaccaagg      240
acatcgccat gtggctggca gatgatgaac aggcggagct tattgagcaa aaggagaagg      300
aagcgctgga ccgaggcgaa gtgtttggcg ctagttaaagg cgggaagaag gctgctcaga      360
agagaaagag agatatcacg ctggatgata tgtatcatga aggcgaaaagg aactttgacg      420
atgccagtgc anagccatca ggagcggcca ctctgtgtc gactgcagag aatntagga      480
ccccatcctt cacgccagtt tctaaacgag gacgtggaan ggggacaggg aaagggcacg      540
tctaaaagag ccaaaactac caaggagaga ttacgtctca ttgatggcga cggaggccta      600
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<210> 5088  
 <211> 630  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5088
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ttgttcatta tttgaggag atccagaagc cggagatgat ggaagtgggc aaaatccata      120
aacttcgact tctcttgccg aatgaaacaa tcagctgggt cgatacattt attgcggatg      180
gcggtatgga cgaattata caattgcttt acaggatcat gaaggttgag tggagggaaag      240
aacatgagga taatttgtct cacgaagcct tgctgtgctt gaaggcgctc tgcacgactt      300
ccgttgcat acagcgtctt acagctgttg aaggagaaat cttcccagcg ctctgaaga      360
tggtgtttga cgaggaaaag aaaggaccaa gcgaatacac aacgcggagt attattatca      420
atctcctttt cacacaactt tcaacagcat catcagctga ggatgccaga tctcgtgcc      480
gccgaatcct gtctacttg cgagaccctt caccacctga agaaaaccaa cccctttcat      540
ttattgcaaa catataccag tcacgcccgt accgtgtctg gtgtaaagag gttaccaacg      600
taactaaaga agtcttctgg atattcctgc
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<210> 5089  
 <211> 599  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5089
cgaggttaat caaactaacc acagcactcg tcggacggat ccccatggcg caaaattgac      60
tcatttcgat cggacggata gtggttgcc cgatttcgtt cgcgttcacc cagtcattga      120
ctggcactat gcggaattt gggccttcat ccgtcaactg ggcttagagt actgccctct      180
ttacgaccaa ggatacacga gtctcgggtg ccagacggat actcaccga atcccaagct      240
tcgggtcgac actacggccg gtaacgaagc cacaaaacac taccgaccag cgtatgagtt      300
gactgaagac ctgtatgagc ggctgggacg caattagttt cccttgaccg tctgcatgga      360
gggttcccgg caccgtcaag ctgttcgcgc agaagtctt tgtttggtcc gatgtttgca      420
tagagagcga tccgagaaga ttggatgaca ttgcgtattg gacccattt ctatttcgg      480
ccgctttcac agcttttctc cgtccctctt aaatctctat gtatatggga gaatgattga      540
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<210> 5090  
 <211> 958  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(958)



<223> n = A,T,C or G

<400> 5090

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caatcatcca	gcagtacctc	tcagagcccc	agtcacgata	tcggcgctgg	caagaagttc	180
ttctgggata	cgggcgccag	cctgtccaag	cggtcgtacg	aagattcgtt	tggccatgat	240
gatacgtccac	tctacaacgg	catgcgcccc	gatacgaaaa	gttatcctcg	gaggctgtca	300
gatgccagtc	ggaacttcta	caacgaaaac	cgcgatgaaa	tggcgtaaca	acgagccaac	360
gggagaatgg	ccacgaagat	atccccctga	ctccagtaaa	acaagttgat	tcctgctttt	420
cctcccgttc	atataggacg	gcgtcttggc	gaacggctcg	cgattgattt	ctttcccgta	480
atctgttcct	tttctaatag	tactctgggt	tgatgggctt	cagggactct	tttaacgacc	540
cagacttttg	atgtttatac	caccgttctt	tttcttcttt	cctcgatctt	tggcattatt	600
gtacatgatg	ctctgcatgt	ggttttcaag	atattccccg	gattgttctt	gtcttcagtt	660
tatatacggc	cgtctctgtg	tttattatcc	gctgtgtttc	caggctcggt	ggacctgnng	720
cctctccctt	cccgcgaata	gaagtgagtg	agcaatacaa	atgtgacatt	gtccaaaagt	780
ttggtgatct	gaacgcgcaa	cctggatgca	ttgatccgag	acaatcacgg	ggcttagac	840
atgcgacatg	tctgattcac	tccttcgacc	attncttng	ttatccatga	ccatgcccc	900
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<210> 5091

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 5091

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ccaaggtcca	ccctgaagtc	acatggggcc	agcgctcatc	tgccgacgaa	gctgagcgca	180
attaccttta	tgtgaacatc	aaagctcctg	atgtagatcg	taaagaagcc	accctcaaga	240
ttacccccac	caatgtcaca	ttcgcgggtg	attccaagaa	gggtgttcgc	tatgaagtct	300
ccctggactt	gtacgctgag	atcgaccccc	agaactccaa	ggttaaccac	agtgatcgtg	360
aggctcgagct	ggctcctgct	aagaaggagc	tgaagcagga	atactggccc	cgtcttctga	420
aggacagcca	gaaggtccac	ttcctcaaga	ccgacttcga	taagtgggtc	gatgaggatg	480
agcaggatga	ggctcctgag	gacgactatg	cgaacaactt	cggcggcctc	gatgccctcg	540
gcggcggcga	gggtggctct	ggaaacattg	acttctcgaa	gctgggtgca	nngccttgan	600
gggatggngt	ggctcctggg	ggcccntggg	gggccctgtg	gtntttgggt	ctgagggcga	660
atcggatgac	caggagatgc	ccgagcttga	ggaggctgcc	ag		702

<210> 5092

<211> 1117

<212> DNA

<213> *Aspergillus oryzae*

<400> 5092

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ccactctctg	aactatatcc	aacatgtctg	ccgaagactc	agtagtaaac	ggcaaggcgc	180
ccgctcagcc	gggcagccac	catgaccgtg	gacactccgg	tcttgtcagt	gtccaaccgc	240
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cggaggctca	tgggtgggat	gcaggcctca	tccacagtct	tggagaatgc	attggattcc	360
tcggtgctat	cccctgctgc	gtttgctgcc	cgaacccta	taagcctgta	gccccagggtg	420
aagttggctt	cgtgtcgaag	tttggacgct	tcgaacgtgc	agtcgaccct	ggccttggtta	480
aagtgaaccc	cctgagtgag	cacttaaccg	cagtcgatgt	gaagatccag	atcgtcgagg	540
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attatcaaat	cgtctcgccc	cacaaagccg	ccttcggtat	cagcaatgta	cgacaagcgc	660
ttgtggagcg	cactcagacc	actttgcgcc	atgtcatcgg	agcgagagtc	ctgcaggatg	720
tcattgaacg	ccgcgaggaa	atcgcccagt	cgacctcgga	gatcatcgaa	gacgtagccg	780
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tccctgctatc	aaatccgtac	cttgaggcga	atcagcgatt	gccagaacag	caacggcaaa	1020
gccatatcct	ggcccgcatg	aatcaaacct	gcaggacacc	ttgaaggggc	cgaaatgccg	1080
gaaggaacca	accgtttttg	actggaagtg	taaccag			1117

<210> 5093

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 5093

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caaagatgat	tattcctgtc	cgggtgtttt	catgtggcaa	ggtggttggg	gatctttggg	180
aacgttatct	acaattactg	gacgaggggtg	ttgcggatgg	tgatgctatg	gatcaacttg	240
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caacttctga	atattattggc	tgtgtgagaa	ataggccaac	actgaatatc	cgctcgtctcg	480
ggttttatgg	ggtaattggg	cgcattaact	gctgctgtaa	tgctcgggta	tatcaagctt	540
gcagtatgct	attggcattc	tttgaaaagt	gcogtccatt	cccggtatcg	acaactttgg	600
ggctattgaa	caggtccccc	atattgcgagg	caagatacgc	ttntgtacc	ttttgaggat	660
atggaangtt	tacggggaaa	tttgcttn				688

<210> 5094

<211> 1289

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1289)

<223> n = A,T,C or G

<400> 5094

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gaggagacaa	tggcctgccg	ctgggagaat	gtcgcgtgcg	taaagtatcc	tacattttgga	180
aactgcaatg	ccgaccccgga	agaggtcgta	cgccggttct	atgctgcctg	gggcagtttt	240
gccacgaaaa	agtccttcgc	ctggaaaaat	gtgtaccggt	actccgaggc	accagaccgt	300
cgtgttcgca	ggctgatgga	gaaggaaaaac	aaacgtcttc	gggaagacgc	cattcggggaa	360
ttcaacgagg	ctgttaggtc	gcttgtagct	tttgtgaaga	agcgcgatcc	ccggtacaag	420
tctaacacac	agagtgaatc	acaacggcag	gaattttctc	gtcaatcagc	agctgcacaa	480
gcaactagat	cacgagcagc	aatcaagcg	aaactgcgtg	atcatgtgat	gcaagattgg	540
gcaaaagcgg	agacttttagg	tgatgaatct	agcgatacaa	gcgaggacga	agttgagtac	600
ttcgagtgtg	ttgtgtgccca	cattaccttc	aaaagtcata	atcagttcga	ggtccacgaa	660
cgcagcaaga	agcatataaa	agctgtgaag	cagctacgct	gggagatgag	agcacataat	720
gaagagctgg	gcctgaaagg	aaatgtctct	gaccccgagg	agcccccattg	ggagaattct	780
gcgtatagca	ttccacaaga	tggcccaatg	cacaatatgg	agtcattcaat	tcaacaacca	840
cgggatggcg	agacaagaaa	tggtatcgga	acaaacaaat	atacctcttc	tgatactaaa	900

agtgatacta	aacctgacga	gggttcggtg	ccgcacacag	atggncatan	ggactctata	960
cctgatctca	gcgaggccga	ttatgtgccc	taggagtgtg	ttgaacggcg	attatggttc	1020
caaccaccg	ttatccaacg	aacggagaaa	tggagtacca	aaccatcttg	ctaaacgggt	1080
tccacaactg	aattaaggaa	tcgcaacatc	ttcaccgaag	tgggaaaggc	taacaaaacc	1140
tgcacaaaaa	gccaacgtgg	aatggaccaa	cttccacatt	tttaaagggg	cacttggtgt	1200
cctcattttt	cctttaaggc	tctaattggg	atataatttc	ccaattggg	gaaaccctaa	1260
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<210> 5095

<211> 700

<212> DNA

<213> *Aspergillus oryzae*

<400> 5095

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tttgctagac	gttcgcccac	catggagccc	ctcatagcca	tagtcggtgc	cacgggcact	180
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gatgcgatgc	aaatgtaccg	cggctctccc	atcatcacga	atcaaattcc	aatggatgaa	300
cgaacgggta	tcccacacca	cttaattagc	tgcattgatt	tggaggaaga	accatggcgc	360
ataggattgt	tcaagagcga	atgtcttcga	attattaagg	atatccactg	cagatggaaa	420
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gatcgggaag	gatcggacac	attcaaggat	taagcccacg	ctccgaccga	aaaaccggag	540
aaatcgtctc	caaaaaggcc	attccttagat	gccccgacag	acctgggggt	gggagaaaat	600
aatagagggt	ggtacctggc	atgggcccgc	ctgagggatt	ccaaccgact	cgggaaaaat	660
tccgcgctct	cttgagaaac	tattttgaaa	acggggggcgg			700

<210> 5096

<211> 429

<212> DNA

<213> *Aspergillus oryzae*

<400> 5096

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gtgtctctaa	tctgatggcc	cggctcaagc	ctcaggccga	ccatgaacac	caggagcact	120
ccgatactcc	taccccgatc	agagccgact	caaacttgga	gaaggataat	gccatgattg	180
acgacagccc	cgtcaagtat	ctgacatggc	ggtccttcat	cctggggttg	tgtgtctcga	240
tgggtgggtt	tatcttcggt	tactccaccg	gtcaaatgac	tggctttacg	actatgaatg	300
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ctcctatcg						429

<210> 5097

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 5097

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ctctatcgga	gtcgggttgg	gcacttctcg	tttagtcaca	ctagatatcc	cctcagcatt	180
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ggttgatgtt	cttattaata	catttaagaa	gcgcgcttca	gaaattgctg	accatgccca	360
caacccaaaa	ggtgctcttg	gcgacggcgt	tgagtttctg	agagggttag	atgaaacgga	420

aaggcagttg	ttccgcgtgg	cccatgatag	tgccaaggag	acacggatat	gggctggcga	480
agctaaaaag	aaggtataag	gattaacatc	caaattttaac	agactgagct	gtgctcgtca	540
tatgagctat	gtctattggg	ttgccaatca	tgtgcttaag	ggttgctgtg	ttantggaag	600
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aaaaaact						668

<210> 5098  
 <211> 583  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(583)  
 <223> n = A,T,C or G

<400> 5098						
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gaagcggaaa	atgccatgga	cgcgctgaag	aacacccatt	tgttgggagc	gaaactggta	180
ttggaattcg	cgaacgagga	ggctatcgat	gcggagcaag	aaatccagca	gatcgaaaag	240
aaagtagggg	agcagatgga	ccggatgaaa	ctacagaagc	tcacgggtgc	cggacggaaa	300
aaatttactg	tagggggcca	ggacgaggaa	gactaaagtc	ccttgtcctt	ctgcccttct	360
ccctgttgct	aggggttaatg	aatagtaatg	gtgctgctat	ctttgtgttt	gtgagatata	420
cccccttgct	tggcggaact	cgttgggctt	tttcacacgt	tcctgctgtc	aggactgtgc	480
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<210> 5099  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

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tcctgacggg	ggatcctgaa	caacgatact	cgattaaaga	attcctggcc	cacccatgga	180
tacgtggaag	cgacgaagaa	acccaggcag	ccacagacgc	ccccccattg	acgactcctc	240
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ggtcgccccg	ggcgatcaac	ttgcgcgagg	tcttcgatgt	gggctacgcc	gtccatcgcc	420
aagaagaaga	aagcaagcgg	ctgaagacgt	cccgcggccg	cgggggccaac	ccgaccaccg	480
ggttccagtc	ggctctgaac	cccctcaacg	aggattatga	cgaggatggc	ccgcaagtca	540
cgtatcagcc	catttcccan	aatgagtatg	cggcgcccga	agttcacaag	ggctctcaac	600
agtctcgaga	agtggtgcn	atggaggcca	aaatgcgatc	cacanacttg	ggcgcgccgn	660
cgaacgctgt	cgnccaaata	caa				683

<210> 5100  
 <211> 636  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5100						
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cggctcttca	gcccttecta	gacgggaaga	tcattctcgc	gatgggtatg	gagggctctc	120

attccatcgg	aaattcactt	gcctatttgc	gtcattttcta	cgcgcaaggt	gtatcctatg	180
caacgctgac	ccataattgc	cacaatcggt	acgctgatgc	tgccgtcacc	gagctcccag	240
acggcagcgt	gaagaaggcc	gatccccatt	ggcacgggtg	cagtgaggct	ggaaaggccc	300
tggtttctga	gatgaatcgg	ctcgggatga	ttgttgatct	gtcccatgta	agcgccgaga	360
ccatgcgaga	cgtcttgggc	gcaggcaagg	atgactgggc	gggcagtagt	gcgcgggtca	420
tcttcagcca	tagctccgca	tatgccgtct	gccctcatcc	acgtaacgtt	cccagcgatg	480
tgctgcagtt	gggtcaaatca	cggaaactccc	tggttatggg	caacattgcc	ccagacttcg	540
tctcgtgcaa	ggctgggtgat	aacccgaacg	gtctccctga	ttttgtcccc	gaaaatgcta	600
ccttagagca	cgttgccgat	cacatcatgc	atatcg			636

<210> 5101  
 <211> 754  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5101						
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caaggagcct	tgtccatgag	atcacgacca	ttctaggcgt	ggaggccttc	tcaacgggtat	180
tgaagctac	aaagcgggga	acggatcaaa	ccccgttagg	tatcgaatat	gatacccaag	240
atattgaacc	cgccaatgtc	gcaatgggtac	ccattctctg	atctggattg	ggcatgactg	300
aggcaatcaa	caacctgctc	ccaggcccgg	tccctatcta	ccatttgggt	ctcttccgcg	360
agaagttcac	ccttcagccc	gtcgaatact	acaataacct	cccctaccaa	cgccaggatg	420
gctatgactc	caacaccgcc	gccgcagaca	cagctattat	tggtgacccc	atcgtcgcca	480
caggtgccac	ggctgaagcg	gcgattcacc	ttctgcgtga	gtggggagtg	aagcgagtgg	540
taatgctcag	tgtactgggc	tccgagacgg	gtattcgctg	ggctgtagac	tcttggcctg	600
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taattcttga	tatataaaaa	aaaaaaaaaa	aaaa			754

<210> 5102  
 <211> 692  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(692)  
 <223> n = A,T,C or G

<400> 5102						
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cgcacaaagc	ccgagaccaa	gaccgcctcc	ggatctctcc	tccccgagag	cagcgctcaag	180
gagcagaacg	aggccaaggt	cctcgccggt	ggccctgggt	ccgtcgacaa	gaacggttct	240
cgccttccca	tgagcggttg	tcccggtgac	cacgtcttga	tccctcagtt	cggtggtagc	300
gccgtcaagg	ttggcgagga	agagtacacc	cttttccggg	accatgagct	ccttgccaag	360
atcaaggaga	actagatgat	tcactctgtt	cttccgtttt	ccgactgggt	ggaataatcc	420
aatcggagtc	ttgtattata	tcacgcanat	catgagcttc	tgatcatgcac	tttaataaat	480
ttataaaaaga	gccatctacg	aagtgaggac	aggtgtatga	ttctgttcct	cgatctcccg	540
gctaattgtc	ccttttccct	atcttgcatc	tgctatctaa	agcggtgaaat	gtgtcttggg	600
tcctttgcat	actatgcgat	gtaccttacc	aatcggtgct	cctgcgctgt	ctgcggataa	660
caccggtaaa	tcgatacgaa	tgtcttctct	tg			692

<210> 5103  
 <211> 695  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5103

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tggaaggaat	atatgcagga	agctatgggc	gaatcgtcgc	gggttcggat	tctgatgcag	180
gacgagtaca	acaggtattc	atggagcttt	ttcaccacc	acgtcggtaa	tagctggcac	240
ggtaaagatg	cacgcttgat	tttctggatg	ggacagcatt	ggatgttcct	gacgggtgtc	300
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ggcctatccc	ctactcgcag	accacggcgc	cgcaccccg	cattgctgcg	ccgtgtctct	480
tttaaagagg	acgaagaaac	agggcctatc	actgagacct	catacgagct	ctacagtcgt	540
cgtgattgag	cgtgtcccgt	ttatatctgc	atztatattg	cgttgtccac	attgaaacac	600
cttgaaacga	cctatactat	acattccaag	tacctgtcga	gcgttactat	gtgggggtacc	660
cgccccactc	tactggtctt	ttcatttttc	gcggg			695

<210> 5104

<211> 661

<212> DNA

<213> *Aspergillus oryzae*

<400> 5104

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ctacttccaa	ttaggaacac	acaaacatct	attccagcaa	gagccgaaca	gtccacaaga	180
aggtgaaagt	gatcaagatg	aaaatgagca	gaagccagac	ttgtcaaaaa	ctgtcctcac	240
ccttatcgcc	gcaggcatct	caatcatcct	ctgctcccac	ttcttccttg	ccagtgtccc	300
cgctacatcg	gccacgactg	gaatttccaa	gactttcatt	gcaacaatcc	tcattcccat	360
caccagcaat	tgccccgaag	gcgtggcagt	gatcgccgct	tcgtttgggg	gcggtgatgt	420
gaactttgcc	atcagcgtca	ttgtcagtag	tatcttacag	atcggaactct	ttgccattcc	480
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ccatactttg	ggcccttgtc	tttggtattt	tgggtggtaa	ccggggcttt	gaaggatgct	600
aagtataccg	atttttcttg	ggaatattgc	tgggtggcct	tacctgaaac	ttggcctttc	660
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<210> 5105

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 5105

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gagaaagaag	tctgcgggtt	tgtcctactg	attgtgctta	tcattgttgac	tatgatcatt	180
gtcgtagtca	ttgtatgggc	aacttggtc	agagtcgatc	atccggactg	gatcaatggt	240
cctactctga	ttgttgactg	cgtcagtgtc	gcgattgcgt	ttattccaga	gggcctgcc	300
attgcgctga	ctgctagctt	gactatcact	gctaactctca	tgcgaaagaa	taagatcctt	360
tgcaagtgcg	taaaaacagt	ggaaacccta	ggtgctgtgt	cccgtatttg	ctccgacaaa	420
actggcactt	tgacaaggaa	cannatgttc	gtcactgatt	gtgcgatatc	cagctcaacc	480
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accaaactcg	tgctgtggcc	gctttgtgca	atgcnggcga	gttngatgct	tctncttca	600
cccttgccctc	ttgtgagaga	catatatatg	gagatgccac	agaccaggct	attctcagg	659

<210> 5106

<211> 766

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

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 caccggtatc ggtaaccaaga gaatccacct ggtccgcacc cgtggtggta accgcaagtt 180  
 ccgtgccctc cgtctcgagt ccggtaactt ctctctgggg tccgagggta tttcccgcga 240  
 gacccgtgtc atcggtgtcg cccatcgccc gcagacgcca gcagaagacc gagaccactg 300  
 aggagaagaa gagcaacagc gttgtgaaga agcaggctga gcgcttcgcc gagagcggca 360  
 aggtcgagtc cgccatcgag agacagttcg aggccggctg tctctacgcc gtcattgctt 420  
 cccgccctgg ccagagcggg cgtggtgacg gttacatcct ggaggggtgag gagcttgctt 480  
 tctaccagaa ggctatcagg aagtaaaaaa ggaaaatcgt gttgtaaaaag ggtggtatcg 540  
 gagtttcagc aattttttcc agaatacatt tatgatctct ggggcactac ggggtgcattg 600  
 tgtgtagagc tctgagctgt cagcaatgga atgatacctg ttatgttctg tcgaanaana 660  
 annannang ngnnnnnnnaa annnnnnnntn nnnnnnaactn nnnnnnanna ttnggaaaa 720  
 aaannnnnna naaaattttt tgtgggcttt agataatata taaaag 766

<210> 5107  
 <211> 716  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

<400> 5107  
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 ccctacttca cccccgcaa caatgcaggt gccgtgtca accccgacga ccctaacact 180  
 cccacctct tcaaaccctt gcgcatccgc gatgtgacct ttaagaaccg cattatcgtg 240  
 tcccccatgt gcatgtactc cgccgaatcg gacccacct ccccttctgt cggcgccctg 300  
 accgactacc acatcgcaca tctgggcca ttcgcgctca aaggcgccgg cttggtcttc 360  
 gtcgaggcac aggccgtcca gcccaatgga cgtatctcgc cccacgacgt cgggtctctg 420  
 caagatggaa ccgactcgga acagttcaaa ggtcttcaac gcgtcgtcca attctcccat 480  
 agccaaagt ccaaggtggc cgttcagctg gccacgccc gtcggaaaagc tagtgtctta 540  
 cccccctgg tagcaccgca agccgggaaa catagtcttg ggctgaggag agcgtcttcg 600  
 ataggccaag gagtgggagg tccaattggc ggggagaaaa tatctgggac cccgcggagg 660  
 ggacatattg ggctncttcg aaattgagca cagccggaaa tcaaggagggt gggcct 716

<210> 5108  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5108  
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 gaagccttgc ccatggccga tatcgatata aagatcgctc aatggaagct cgttgagatt 120  
 ggcggtgtgg tgctgatccg ccgcggcccc tacaccggca agctggccac catcgtggag 180  
 attgtcgacc acagacgtgt tctggttgac ggtccttcca ctgaggagaa caagatcgtc 240  
 ccccgctacg ttcttctctc cgccacgcc accctcacc acttcgtcat tccccagctt 300  
 ccccggtgctg ccggtaccgg ccccgtaag aagctctggc agaagagcga gatcgacagc 360  
 aagtgggctc agtccagctt cgcccagaag accgagcgtg ctgagcgtcg gaagaacctc 420  
 aacgacttcg agcgtttcaa ggtcctgcgc ctccggaagc aggcctcgctt cgaggtccag 480  
 aaggctcag ccaagctcag ggcggctgct cctaagtcgt agatggttta cttcatgagg 540  
 ctcggtgcat agtgtgaagg gagtgccttt gggacgggtt tacattgctg agggtttatt 600

tgatttcagc aaaaaagacg ctgtacacat tatcattggc agcataaaat gattcgagaa 660  
ccttgataatc ctgaccaaga g 681

<210> 5109  
<211> 801  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5109  
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ccgtgggaat ctattgagaa taagctccct cttatctggg tatcaacttc ggagtttctt 120  
catttccata tccacatagc aatcatgtcg ctcgcatctg gagtttccat caccgatgaa 180  
tgcatacaaca cgttcaacga cttgcgcatg aaaaagggcg acaagcttaa gttcatcatc 240  
ttcaagatcg ccgacaataa gaaggagggt gtcgttgatg aagcctccac cgatcaggac 300  
tatgataact ttcgcaagaa gcttgaagat gccaaaggaca gcaacggcaa gcctgcccc 360  
cgttacgcag tctacgatgt cgaatacgaa cttgggtggca atgaaggcaa gaggagcaag 420  
atagtcttca tttcctgggt gcctgatggg gcccactc tctggtctat gatctatgct 480  
agcactcggg agaattctgaa gaacgcactg aacatctcca actccatcca cgccgacgac 540  
aagtccgaaa ttgaatggaa gactattctg aacgaagcca gcggcggtta ggctggtaaa 600  
taagtaacgg taccggctgg gcccgggcca agtgagcttg tgtgtgctgg ttattacact 660  
gcgccgttct gttccagttc gcgaagtgtc tcgcaacgaa ccaattcaat gacattctcc 720  
tgcacaaatt ttagttcaat atgagatcgt taogacttgt ctgagggaaa attgaggaat 780  
ttaaaaaaaaa cccccaaaaa c 801

<210> 5110  
<211> 552  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(552)  
<223> n = A,T,C or G

<400> 5110  
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gcatcaaatt cggatgtgtg gcgtacttgg caaaacggta ctggatattc tagcgaggga 300  
tttgtcttcg ttgccggtat gctcaatggg gcttacagcg tgggcacgcc tgactgttcg 360  
acctatcttg cagaggagat cccagaccg agtcggaaca tccccaggc cgtcctcgcc 420  
cagatgacgg tcggttttat taccggcgtc ctctacatgg ttgcagtgtt ctactcgatt 480  
accgatctag atgcagntat ctcaagcgtc tattgctttt cttttacccc gaatctatca 540  
tcacgcgacg gg 552

<210> 5111  
<211> 303  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5111  
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caactatggg ttaatggaga tcaagaattg gacgaccggt gaggcctgct accttgattt 120  
caagccaaga ggctggaagg cctcgtctgc ctatcaggta gccggtagga ttgtggacaa 180  
gggcggatct ccgaaatgga gcattgggtg ccggttgaac gacaagattt ttgctcgcca 240  
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ggt 303

<210> 5112



<211> 705  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 5112  
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 gacactatct gacttgctcg tcaagcggtc ggacctcctt aaccctgaga atgaccctaa 180  
 catagggtct tcccggggaa atgcctcctc aacgacttcc gaggctatgg aaaatcttgg 240  
 tgtcaaagat tcaaacgtct ccttcgcgac ttgtcaccac attagttcct gccttgataa 300  
 tcgcagtctt ttggttcggg ctgttcctga tctgtcgacg aactcaactt cgggtggtacg 360  
 cgcctaggac acatttacct aattggcata agcatgaacg gagtcctcag ctaccctcag 420  
 gtttccttaa ttggtttggg cactttctca agatatccga tgcgcacgtg cttcatttct 480  
 cttacatgga cggatatctt ttacttcgat gcctgagagt gctgtgtgct acatgcttca 540  
 cggggtgctt gattacttgg cccatcttgc tgtctattaa tgcaactggg ggtgcaggta 600  
 atactcagct ggatgcattg agtttcagca acgtgaaaaa cccgaagcgc tattatgctc 660  
 ataccngat ggcgaatggc tttttcacgt ncgatttcta cgtgg 705

<210> 5113  
 <211> 711  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 5113  
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 actcaatata atcttctacc atctcctcgc caaccctctt ctctgacca aacttcgcga 180  
 agaactagcc accttgccaa cgctatcaac ctggacacaa ctagagcagc tcccatacct 240  
 gtccgccatt atcgaagaag gcaaccgact ctcttcgggc gttaccgcgc gcacagcccg 300  
 aatccagcac acgcccata cctacactcc atccgcgtat gtaaccaccc cagacccaac 360  
 gcataaatcc tacatcctcc cggcacaccg gtcagtatta cgacattgag cgccacaca 420  
 gccgaatcgg tcttcccgga tccatatgcg tttcttcccg agcgctggct gggggatgag 480  
 ggtcgcgagc gcaggaagtt ccagttgacg ttttcgaggg gcgggaggaa gtgtctaggg 540  
 attgagcttg ccagggcgga gctgtatctg gtgactgctg cgctngtgcg gaaagtcgat 600  
 ttggttctgt gggagacgga tgagagggga tgttcttttg agcatgatta tcatngtgcg 660  
 atgcccaggg attggtcnag ggggggtgagg gtcctggcta ggatacgtgg g 711

<210> 5114  
 <211> 1149  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5114  
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 ctccgctatc ttcaccttgg gtctcgccgg caccgccttg gccaccccc tcgttgagcg 180  
 tgctggttcc tccccaccg acatcatctc cggcatcagc gacaagaccg atgctctcga 240  
 ctccgccatc aaggcttaca acggtggtga cccctccaag gttgagtcg cctccgctga 300  
 cttgatctcg accatcacca agggcactga tgccatcaag agcggtgatg atatcagcac 360  
 caccgatgct cttgctctgc ctgagcccggt ccaggctttg accaagaagg tcgagcaggc 420







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tacgggtgtc	tcgataagca	ccttgccagc	tccaagtcag	gttacctcgt	cggtgaccac	600
atctcgcttg	cggataatttc	gcactgggga	tgggttgccg	ctgctgggtg	ggcaggtgtc	660
gatatcgaag	agttcccgca	cttgaaggca	tgggaggagc	gtatggccgn	tcgcgatggc	720
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<210> 5123

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 5123

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cgacccacc	acctccggca	agaacaacac	caccgcccct	attcctcctc	ctcttctccc	180
aactcctcgc	aatacaaccg	ctcccaattc	aaaatttttc	cattcttagc	aatcattggg	240
attggctctg	gatccctacgt	cttccttgct	aagtcccgta	ccggcattca	caaaccgaaa	300
ccgactctc	aatcttctga	ttcttaaatt	acactacccc	ccctaaagat	ttgtctactc	360
tccgactaga	gaaacatggc	cgacactcaa	catcccaccc	ctcgtttctc	gccctccgaa	420
gtcacagtgg	ttttccttct	tgggtggccc	ggaagtggca	agggtactca	atctgccaat	480
ctcgctccgc	actacggctt	tgtccatctg	tcggcggggtg	atctactgcg	cgccgagcag	540
atccgcgagg	gaagccagta	tgggtgaactg	atcaagactt	atatccggga	gggcaagatc	600
gttccgatgg	agattacggg	ggcactgttg	tcgaatgcc	tggcagatgc	cttaaagaat	660
gtgctagtgc	cgngaggggg	cagaa				685

<210> 5124

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 5124

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ttcattcgag	agtttgagga	ggaatatggg	accaacacgc	tgcttttctt	ggaaaatgga	120
tacaatatgg	ccctagaaaa	agcgaccggg	gacctcaa	ttcttctcgt	ggttctcctg	180
gtcctgaac	atgatgacac	gaacgggttg	gtccgggata	ccctcttggt	ccgggagggtc	240
atagactttg	tcaatgaccc	gcagaacaac	atcattgttt	ggggagggcaa	tgtgcaggat	300
tcggaggcat	atcaggttgc	caactctctt	cgatgcacca	agttcccctt	cgcagctgcc	360
attgttcaca	ctcccaatgt	atcatcgacg	gccatgtccg	tcgtctctag	aatatccgga	420
actacttcac	catcagaatt	tattgagaaa	ctncgaaccg	ccatctcaca	gcacaaggag	480
cctctagaga	ggatcggggc	cactcgggcc	gagcagcagg	ccttcgcgag	tctacgggaa	540
caagcaagac	tnncgctacg	aacgttcatt	aagcatttga	ccgagaacga	gcgagaccaa	600
gacgggaagc	cgaagctgct	ttacaacggg	aggaacaaaa	ngcttggtga	ccgccaggcc	660
gcggaggaga	aaccgcttt					679

<210> 5125

<211> 549

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G

<400> 5125
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ccatcagtct tcctgagtga gattatcggg gccccagtcg ctgtgaagtt gaactcaggc      120
gttgtctaca aaggtgaact ccaatcagta gatggttata tgaacattgc tctagaaaag      180
tctgaggaat atgtgaatgg gaagttaagg cgaagctatg gagatgcctt tgtccgagga      240
aataatgtgc ttacatctc tgcaaaactga ggttccgaca ggcgatttca ttggttagcc      300
cctcatcatg tccgcgaaac caagctacaa aatgtcccat caaggcatat taggggtgag      360
ggaaggaggg agattgctgg tacctcatta acagcaagct ggctggtgaa aagagaaaaa      420
cctgagtaac caattgtctt tcctatactc acgtctagtg cctcccatcc acatttgatc      480
atctntcagc tccagtcata gggagcccta cttagtagacc cctgtattga ttgccctca      540
acaacctan                                     549

<210> 5126
<211> 693
<212> DNA
<213> Aspergillus oryzae

<400> 5126
gtgaatttca atatagactg aacgacaatt tataacaacag acacaatggg cggaagatta      60
gctggtaaaa atgccatcgt taccgggtgct gctggaggca tcggtctcga gactacaatc      120
ctcatgctcc gcgaagggtg ctccgctctc atgaccgata tcagcgagcc ggggtctccaa      180
aaggcccttg cgaaagccaa cgacgtgggt cctcagcgcg acggcaagggt cgagtaccgc      240
gtggctcgacg tatccaagga atccgaagtc gaggcgcgag tggcccatct agacgcctgg      300
ggcggcctgg acgtcatgtt caacaatgcc ggaatcatgc accccaagga tggagactca      360
gaggagacac ctgaggcgat ctgggatatg acgatgaaca tcaatgtcaa gggcgtgtgg      420
tacggaagca agcatgcagt gaagagcctc cggaagcacg gcaagaaaaa gggtagcatc      480
attaacacgg caagcatggt tgcgcttgtg ggcgctgcca cccctcaatt ggcgtatact      540
gctaacaagg gtgccgtggt tgccatgact agagagttgg ctattgtgca cgcccgggag      600
ggctttcggt ttaactcctt gtgtcctggc tctctcaaca caccactttt gcaagactgg      660
cttgggtgat gaataagaga aacgttttcc gtt                                     693

<210> 5127
<211> 687
<212> DNA
<213> Aspergillus oryzae

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 5127
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ccatgcgtcg tgtgtgcgag acgggttttag gagctgttac tcctttggga gtaggtatcc      180
gtccaacatg aaaacgtctg ttaaattggc actgcggtat tgttaatgtc aaccatcgcg      240
attccaggtt tgcggacata ccatgtaaaa tcgccgcccc agtgccaaat ggcaaaaggc      300
aagaagggtg ctggactgcc tcagagtggc taantgagga tgaaaagcgt aagatggcgc      360
gtttcaaaca atatgctttg gctgcttcaa aaaacctcta gaaaatgctg gttggaagcc      420
cacttcgttt gagcacagag aatccacggg catctgtctt ggatccggaa ttggcaattt      480
cgatgaaata tacgacaccg tcgtgcatat gaaaaaggag gttacagaaa ggtgtctctc      540
tatttgtccc aaaactctta ataattctcg cgctggccat atctccatga aatatgaatg      600
atgggtccaa acattgcagt taaaaccgta tgcactactg gggcacaatt cattgtgatg      660
ctgctcgctt taaccatgtg agatgca                                     687

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<210> 5128  
 <211> 746  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5128  
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 accgttctcc cgctgcttct ccgtccatta ttcaccatga gtgggcactc tgctgttttg 180  
 caaggatatg tcgattccag cttgatggga tctggcctat ttgacaaggc tgccgttctg 240  
 agctacaacc tttccggcat cgaggctaaa tcttccggct tctcgatcag cgctgaagag 300  
 ctccaaggcc tcgctgccgc cttcgctcaa agtaacgtgg cgatggccaa tggatcaag 360  
 gtcggcggag agaagtctgt cgctatcaag gccgacgacc gcagtctata cggaaagaag 420  
 ggcaaggagg ggattatcgt tgtgaagacc ccgtcctgcg tcctggttgc ccaccacggc 480  
 gagaatgtcc agaccaccaa cgcctcagcc gctgtcgaga aaatcgctga ctacatcatc 540  
 aaccctcacc agtagacggc ggtgtggaaa tgcaatgaat gtgtcttctt aacttgcgga 600  
 aaaggaccgt gtctgctttg aatcgattta ctggcggggc ctcttcattt ctactattac 660  
 tccctacccc ttttattcct gttatatgtt cgccgttcga tattgagcat ccgtcgtaga 720  
 tatgtgccat aggtcctgat ctaata 746

<210> 5129  
 <211> 605  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5129  
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 cgaggcagcc caagataaag atagcgactg gcccgagccg aaatctatca agtgggtttg 120  
 ggatggcaag tcgaaagatg ataagactgt tcatgcccag ctcgatggcg cgcttggcag 180  
 aagattggac cgtattgacg tcatggcgga ggtgccaggc ttcataaga ccatcgccgg 240  
 tagtgtggct ggcacacggc cgtacatctt ccagttcgcc cccaagaga agcttacact 300  
 gaagttgaag gtcggagatg aataagtctc cgagcagggt gtcagtgtct ccgaatcgac 360  
 gttcatctcg tgaatgacgc taagtacata gatcattgct ttccaggacc tgtccatggc 420  
 gttttatgag tgttaatcgt ggatttcctt attgttgctg ctgatatgca gctgaaaacc 480  
 caactcctaa tgtttcgcaa acatcatata agaattctga atgatctaca taaatctgta 540  
 tctccctatc aatgtcacat atgcagcgag cactgaaaag tcaaaccctc gttccatgtg 600  
 gtccg 605

<210> 5130  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(694)  
 <223> n = A,T,C or G

<400> 5130  
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 gattcacttg gacaattcac tacaaccacg attaatcca tcgaacggaa acgatatct 120  
 gtcaatgcct gctttgcagg acagtctgga tcgttcgcgt tgaagcgtgt acgaaggaaa 180  
 gaggttcgaa agggatatgt tgttctcaag aagttggacc agcctccca agttttaccc 240  
 ggagttcgtt gcggaaggtc tcattctctc tcatgctact actatcaaac ccccggtccc 300  
 aaccaatgtg catgttgggg cctgaattca acgtgttctg gctttgacat tgaccgtccc 360  
 ttcattaaaa cggttgatcg tgccctgggt gcttttcggt tcttgccacg cccaaagttt 420  
 tttgcgcccg gagacccaat acttttcctg aaaggaaaaa caaaggactg ggtgttggga 480  
 aaaaggtttg attccatcct aacaaccctt tgaacaaaaa cctatggagg gaacaccatt 540  
 taaaaattgc taccggggtg gccaaccaat aataggtttt gttgaaactt agagtttgtt 600  
 tgaatggaag aacaacgtac caccacaat gggaaaggct tgccctggnt ttttttacct 660









cggtgattac	ccagctgaag	aaagccaaca	ccactatcct	gcacaagtgc	acgacaatcc	480
gtcacgctaa	atctgccgtc	aagctgggtg	ttgacttcct	gtccatcgac	ggtttcgagt	540
gtgctggcca	cgctggcgaa	catgacatca	ccaacttcac	tctnctcaac	cgcgcccgtc	600
aggatctggg	cgtncccttc	attgcatcgg	gcggatttgc	agacggatac	ngnnctgccg	660
cngncctgta	actgggcgcc	gaaaga				686

<210> 5140

<211> 664

<212> DNA

<213> Aspergillus oryzae

<400> 5140

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tgggtccttac	tgacattcag	ctggtcattg	aggcaacata	tctttgacga	tgagagccc	120
tttacgctac	gaattttacc	aaatcctgta	caactcatcg	acgtgttagc	cacatgactt	180
ctccctgcga	gcctcttaca	agccactctg	gggcattttat	cgccatgaga	tcgatctgat	240
gatcacggtc	cattactagc	tccaagacgc	cgtcattact	gaccgaatcc	atgcacgttt	300
gatgcagacc	ctgtgcaata	gcgtcaactt	gagtaacact	gaagtcaatg	acactggagg	360
tcccaccatg	aagagaatcg	tcggtgtgtc	cggcattcgc	ttggatccag	ccctgcgact	420
ataaggcact	gcatctatgg	gcaccactcg	tgattttatcc	atatgggctg	atgaacaagg	480
gtcttgacgg	tctggatact	gttgctcatc	tgtaatttcc	aacagtcatt	cttagtatcc	540
gcaagcaaca	gttcctcggc	tttattggag	ctatgtccct	attctctcaa	gcctcataat	600
ggattttctg	cactaagcat	actaatacat	gatgatttga	ccccaacgtt	gggtccttgat	660
aaat						664

<210> 5141

<211> 523

<212> DNA

<213> Aspergillus oryzae

<400> 5141

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gcagtgtcct	ggccatctgc	gtgattggaa	tgggtggatg	gactatcgca	tggaatctg	120
gtgtttggca	gccggcacct	caggaggatg	cgggggtgc	cgagatagcc	gttgagccc	180
aggtggttgg	gtatttcagc	gcgatctgct	atctgggtgc	acgcctgccg	cagatctata	240
aaaactggaa	ggacaaatct	tgtgagggac	tctcactttt	gttctttatc	ctctccctcc	300
tgggaaattt	gacttatggc	gctggtatcc	tttgtcattc	aacggagaag	aactacattg	360
ttacaaacat	accttggtcg	ctgggatcgc	tgggcacgat	ggtcgaggat	atcacgattt	420
ttatacaatt	tcgactatat	gcggttgccg	actcgacagc	cgcaggggca	tgattggcaa	480
gggccagggt	acaagtacgc	ttataattaa	ccccctgatc	gcg		523

<210> 5142

<211> 685

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 5142

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cagggtacca	gtattgggtg	ctcccgtacg	acgccttcac	ggccttgccg	aaagcaagtt	120
tctccaagtc	tcggaggaag	ttcgcgacgc	tgtagccaca	ggaaagcctg	tggtagctct	180
agagtcacac	atctacactc	acggatttcc	gtatcccag	agcgttgctc	ttgcgtcgtt	240
gctggaaaca	gtcgttcggg	caaatggcgg	agttcctgct	acgattggaa	tcttgaatgg	300
agtggccaag	tggggcctca	atgctgaaga	gcttatcgag	ctggcctcta	ccgcagagag	360
caagagtgc	ctgaagggtt	cccgcannga	tttgggttac	atatgcggtt	tgggcctggc	420
tgggaaacga	ctacacgggtg	gtacaacagt	ttcgggcacg	atgattcttg	cccatctggc	480

tggtattaag	gtcttcggga	ctggaggctc	tggtgggtgc	catcgcggtg	gagagagttc	540
tatggatata	tctgccgacc	tcaccgaact	ggggcggacc	cccgttgctg	ntgtcaactc	600
ttgatgcaaa	agcttntctg	acatcccacg	aactctggaa	taccttgaaa	ccganagtgt	660
ttgggggtggg	acgtttgccg	atggn				685

<210> 5143

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 5143

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ctaattctacc	cgtcgcctt	gttcgcctt	ctcccattac	gccccctgat	actccccccc	120
cccgaccgct	taccogaacg	tcacccacg	agccgaccac	caacaacatc	atggaacatt	180
cctccgcacc	caataatgcc	gccctgtacg	atgcgcggag	acgcagaggc	tcggtcggaa	240
cgtcgcgaact	attagacaac	atcgtctccg	cttccaactt	cgacagagat	gaggttgagc	300
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atttaaattg	ccaaataaaa	tgaccgggtc	gactcactta	tttcgaacat	taaagaatga	480
tcgcaatctt	cgatgaagat	ggtggcgggtg	acgtcgactt	ccaagaattc	gtttcaggtc	540
tctcggcctt	ctcgtctaag	ggtaacaagg	aagaaaagct	tcgcttcgca	ttcaaggctc	600
acgatatcga	tcgcgacggt	tacatctcta	acggagaact	gttcacgta	ttaaagatga	660
tgggtggcna	caacctgaaa	gan				683

<210> 5144

<211> 174

<212> DNA

<213> *Aspergillus oryzae*

<400> 5144

ggaagaattg	gccctaagac	caactcgggtg	gagaagatca	acgctctccg	cagatccggt	60
ctcaatgttg	ttcgtatgaa	cttctcccac	ggttcgtatg	agtaccacca	gtccggttatc	120
gacaacgccc	gtgaggccgc	cagagtcacg	accggacgctc	ccctcgccat	tgct	174

<210> 5145

<211> 1338

<212> DNA

<213> *Aspergillus oryzae*

<400> 5145

tgccaccata	ctacgcgac	attccgagtt	cgatatcgcc	tggtattggct	ccctattgac	60
gttcattgata	tttttctttg	cagcgcctgc	gggcgtcctg	gtggaccggg	ttggtcccac	120
accgctgctc	accttcggcg	ccattgcaac	tatcctggca	accttcattga	tctcactatg	180
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caacggaatc	atgatcgccg	ggtcctccat	cggcgggtatc	atctggccca	tcatgctcga	360
tcagctgctc	aacaaggacg	gcgtcagctt	tggtcggtacc	ttccgcacatg	tcggcttcgt	420
ggtgctgccc	ctatgtctct	tcatggtcgc	gaccatccgc	ccggctccca	agacactgca	480
cgattcggac	agggaggggg	tagagctgtc	gcacggcgag	tcagagagcg	accacaaggc	540
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gtgcttcttg	acgattgcct	cctctggggt	gattgccatg	tgctggacca	aggccacgaa	840
caccgtgggc	atcatcttct	ttgcccctagc	ctacggatac	acgtccgggg	ccatgttcag	900



<211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 5149  
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 gtcgctctcg acattctcct atgtcttcat ggccttttat atcatagaag ccttgaacgg 180  
 aatgggtatg catggcgctg atatcccacc acccaccctc cttaaataaa tgaaagcggt 240  
 ctggattacc atcccattct acaatgccgc acttctatgc gccaaagctt ctatcctttt 300  
 gcagtacttc cgcgtcttcc ctaccagacg catgctcttc atcacgtggg tcatgttagg 360  
 tatactcggc atctatggat cctgggcagt tctgagtggc tttctcaatt gcacccctgt 420  
 ggcaaatggtc tgggacaaga ccctggaagg gtactgcttg gacgacaaag gactgtgggt 480  
 ctcaaatgcc tcaatgcata tcaccaccga tctcgttaatt ctgatcattc ctatcccggc 540  
 tctagcgaaa ctgatcttc ctaagagaca gaagatcgcg ttgatcacag nttttgcatt 600  
 gggcggtatt gtatgcatca ccagcatctg tcgtctggtc gccctcaaaa agatctncca 660  
 ttcacagatc caacctttga ca 682

<210> 5150  
 <211> 756  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 5150  
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 tttctctctg ccgaactttt cttcgtcgca atctcattcc cgccccgcac gccaaactcag 180  
 gccctttgct ggaacgcagg gcagaccgag aactgccttc tgtaaaacaag gaccgcagggt 240  
 ggatgctggc cttaccataa tttgccattg ctgtcggagc tgcgatgcta gggatattca 300  
 actaccagaa gtcttcttca agcgtggtca gcagtacctt ttatgctctt cgcacctccc 360  
 ctcgtgctcg cgaaatcttg ggtgatgaga tttactttgc tcaaaaagata ccctggatta 420  
 gtggggaaat gaatcagcta catggacgta tcgacatatc cttcagggtc aaaggaacaa 480  
 agtcgcaggg tacaatgagg ttccgcagca tcaggccaga ccgaatgagc tattttcgta 540  
 cggagggaat gagtctggag acggaggatg gcacggctct tcagctcctt gacaacgcta 600  
 ctgacctgtt tcgtcaacat gactaaatac tgtcaagttt tcctggaagc tggatccctg 660  
 catatgcgtg cgcctggacc atggcacttt ttggctcctt cattctattc cggtagcaag 720  
 cgacgggtact tcaaagtaca aaagaggccg cagaag 756

<210> 5151  
 <211> 648  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5151  
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 cagtctttct gctgggttca gtgacgagaa agttcagggc ttctccacc agttagaact 120  
 cgcgttgaga cacacaacag catacttcgg tattggtgtc atggataaga cgatttcctc 180  
 atggttcaac agtgtagact caatgaagga gcttgcttgg aatgatgtca tcaacgaatt 240  
 caagacgaga tatcagcaag gatgctatct tgagtcattg atgcacaagt acttgatgaa 300  
 cgaccgttgt ctgacgttta ccatggttgg tacgcctaca tttcaccaag aactatgacc 360

agcacgaaat	ggtcggtat	gaaaagaagc	tcagtcaact	tgttgagcaa	catggatcaa	420
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acgcacaaca	tgccgacctt	gggtgcttac	cttcctcgcg	tgtcgatgac	atttcgcgag	540
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aggcccaacc	aatggcctga	catatttcaa	gcaatgaatg	ccttcgat		648

<210> 5152  
 <211> 657  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(657)  
 <223> n = A,T,C or G

<400> 5152						
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cgccgcacaa	atcacccctag	gaacatgggt	ccgaacatgg	acatacatgg	gggcaatgac	180
cgcggggctc	attcttgaaa	tactgggata	catcggacga	ctcatgatgc	acagcaaccc	240
attcgacttt	aatgcattcc	ttctatacct	catttgcttc	acgattgcc	cggccttctt	300
caccgcccgc	atttacatct	gcctgggaag	aattgtcact	gtctacgggg	aggatatctc	360
caggattcgc	ccccgtacat	acaccatcct	cttcgtcact	tgcgatatca	tcgctctagt	420
cctacaagca	gccggcggtg	ccattacctc	catcgcagac	tcagaccaaa	naaagcctcg	480
cgataccggt	gtcaatatca	tgattgcagg	attggctttc	angnntgctc	gtaacgctgt	540
tcacgtgct	ggcttcggaa	ttcgccctgc	gagtagcccg	caagctcaaa	agtatgaaag	600
ntacgtctac	agcatctggt	cgcagtgggt	tgaaatggaa	gaatgtcctt	ctggtct	657

<210> 5153  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(664)  
 <223> n = A,T,C or G

<400> 5153						
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cgacggcttg	tccgtctacc	agaagacatg	ggcaccgagt	agcgtgctc	ccgtggcccg	120
cctggtccat	ttccatgggt	ttagcgacca	catcaacaac	acgtttgatc	tgtttccatc	180
tctagcccgc	cgtgggatct	tctgtacggg	cattgaccag	tgcggttggg	gccagtcggt	240
caaaaccaag	gccgaccgcg	ggaacacggg	cccgaccgct	gccatcctgg	ccgattttgc	300
agcgttcact	gaggtccaac	tcgaagcgaa	accgtctggt	cccgttttcg	tgatgggcca	360
ctcaatgggc	ggcggactag	ttgcgacggt	agcctctacg	cccaagtatc	aggttcttgt	420
ttcccgtttg	gggggtatca	tgctcgaggc	accgtntatc	ggactcgacg	ctgagcaaga	480
accaagtatc	atcacggtcg	ttctcggtcg	gttggcaagt	aaactactgc	ctcgcttcca	540
gattacccag	ccgatgaagg	tcgaaacgat	tgtgcgggac	cccgccgtgc	agcaattgct	600
gaagaatgat	ccgttaaacc	cttgtgtcgg	tacgctggag	atgtttgcga	acatgctccg	660
acgg						664

<210> 5154  
 <211> 781  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5154						
gtagtacttc	atacgaaagt	cagcactatc	gacgacacac	atcatgagca	tattcactta	60

cacataccac	cacctgaagg	cacagcaagc	cttaccgccg	aggatcataa	tgtgcacgac	120
tgccatggca	agaatgtacc	gagcatcagc	attctcagct	atttgactcg	cattcataag	180
tactgtccaa	ctacttatga	ggtcttccta	agcctattag	tgtactttga	tcgcatgact	240
gagctagtga	ataaaggcca	attggagcgt	ctccagcggc	gctggggaca	catccaaccg	300
gactccgect	ctcggccagg	gtctcaggag	tcggcagtaa	aacctgcgca	tggctcgccc	360
atggtgactc	ccccatcttc	tgctggaatg	agagcacagg	acccgacaag	tccatcatct	420
atatcaccgt	ctttgcaccc	ccaggaggaa	gacgactact	tttcccaatt	ttttgttgtc	480
gatagtttta	acattcaccc	gctggtcata	gcgggcgtga	cctgtgccag	taaattcttt	540
tccgatgttt	tctatactaa	ttctcgatac	gcgaagggtg	gaggtcttcc	gctgggtgag	600
ctgaaccacc	tcgagcttca	attottacta	ctaaatgatt	ttcgactctc	aataccagtt	660
gaagaattgg	aagcatatgg	aaccatgctt	gtcgaatttt	atgcacggga	gattgttgct	720
caacaacagc	aacagcagca	gatagcatct	caaacagggg	tgcctcgtgc	gttcgggtca	780
t						781

<210> 5155

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5155						
ccgattgtgg	aaccataatc	atcaaaggct	tcggattctc	taccctcgta	actaccctga	60
tgcaggtacc	ctacggagcc	ctgatcgcac	tctccatttt	agcttgtgta	tacctcaacg	120
accgcttcga	gaacagacgc	tgcgtcttca	tcctaataatt	cctcataccc	aatatagcag	180
gggcatttgg	cctgcgcttc	gtcccgcacg	atcaacaagt	cggtcgatta	atctgctatt	240
acttaacagg	cccatacaac	gcagcctttg	tcctgatcct	gagtatgcaa	gatgcaaata	300
cagccgggcca	cacaaagaaa	gtagtcacaa	acgcagtcct	cttccctgggc	tactgtaccg	360
gaaacatcgc	cggtccattc	ttctacaaaag	agagccagaa	accaacctac	tcgctcggca	420
tctggtccat	gatcgtttcg	catctgattg	aagctgttct	tatctctatc	ctgggtcttc	480
tgctgcgctg	ggagaataaa	aagagggata	agatacagtc	tcagatggaa	ggctgatgta	540
gaggtagaga	tagggatgcg	acggctatac	tggatctggc	ggatagggag	aattgagact	600
tccggcatat	atattagcat	gatgatcctc	tatgaataat	gccccatgca	ttcagtgatc	660
ctgtagecaa	tata					674

<210> 5156

<211> 377

<212> DNA

<213> *Aspergillus oryzae*

<400> 5156						
cgagggttca	tcctactatt	gttgactcat	tgtcagggaa	aaatattagt	caagtttgtg	60
gtgggtgetca	tcactcgatt	gctgttgctg	atggcgagca	atgcctcgta	tggggtcggt	120
tagatggttt	ccagacaggt	ttgaaagtcg	atacacttcc	tgagggaagg	gttatcaaag	180
atgaacgtgg	gcgaccccg	atcttgatcg	aacctacccc	tgttccagga	attaaagcaa	240
gcactgtcgc	agctggatcg	gatcattcga	tcgctattga	tactgatggc	cgctcttggt	300
cttggggctt	ctccgccacc	tatcagacag	gccaaaggc	ttcggatgat	attgaggtgg	360
caacaattgt	cgaaaac					377

<210> 5157

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 5157						
cccgccattc	ggatctcctt	tangatggcg	tcggcatcct	cgacctcatg	gctatcctcc	60
gtcttggcct	tctgcgccat	cttgtgcctc	tcgggtgectg	tcaacgccct	ctacttctat	120



atcgatggac	gtcagcccaa	atgtttcttc	gaggagcttc	ccaaggacac	attggttgtc	180
ggaaccttct	ccacgcaggt	catcaaccag	caatcgaaca	cgtactccgt	tgatcccagc	240
ctgaagatgc	tcattaccgt	cgacgagacc	ttcgacaacg	atcaccgcgt	tgtctccaag	300
cgtgatggcc	actccggtcg	cttcaccttc	tccgccgctg	atgccggcca	gcacaggatc	360
tgtgtgaccg	ccgatacgag	tgccgcgacc	ggcggctggc	tgtcgggtgc	ccccgcgggt	420
gctgtccaag	tgactctgga	catggccatc	ggagagacca	gcaagatcga	gacggaagac	480
aaaggcaaga	tccacgacat	cgtccagaaa	gtgaaagaac	tcaacgggcg	gctgcgagat	540
atcccagag	aacaagtgg	tccacgggaa	cgtgaaggcg	aatttcgtga	tcagtctgaa	600
gcctccaact	cccgtggtcg	ccgatggacc	ctcgatcaag	agggtggggc	tggtccctgc	660
ctgccccggg	aaactggcca	cc				682

<210> 5158  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 5158						
gcaaacacca	tagctctgaa	atctgatagc	attccgtacg	agtgtacat	atcaacactc	60
aaccatcatc	agtccacaag	aactacatcc	aacatgtcca	agcttatcac	tgtcttcggt	120
gccacgggca	accaaggcgg	ctccgtgatc	aaccacattc	tggcggatcc	ccagctccac	180
aaagagttca	agatccgagg	catcacccgc	gataccacca	agcccgcgcg	ccaggagctg	240
caaaagcgtg	gagtgggaagt	tgttacggcc	gatctgaact	ctgtcgaatc	tcttcgcaca	300
gctctcaaag	gatccacac	cgtcttctta	gtaaccaact	actgggaata	cgtcaacaag	360
gacaccgagg	tcaccagagg	caagaacgtc	gccgatgtag	ccaaagagct	cggcgtccag	420
cacctgatct	tctcttctct	tgttcacggt	accgacttca	ctaattggccg	tctcagccat	480
gtacccatt	tcgatggcag	gctgnaatcg	aagatacatn	cgtgcttcag	gtgtccctgt	540
actttcggtc	ttgccggcta	cttcatgctc	atttacctgc	agatgctgaa	aaagagcgat	600
gatggcacct	atcagctttt	ctatcctgtt	gatgggtgcta	aggctaaagt	tnctttattc	660
gatgtgcaa	a					671

<210> 5159  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(663)  
 <223> n = A,T,C or G

<400> 5159						
cagatgctgg	agaagtacga	gatgcagcat	tttgggtgtct	gccccgcgct	ctactgcaat	60
ggttgcaagg	ttctgcctgt	tggtcgatct	gatactccag	gccaagagac	ggtgaagctc	120
ttttgtccga	gctgccagga	tctgtatacg	ccccaaaaca	gtcgtttcca	ctctgttgat	180
ggtgcttctt	ttggaactac	ttttggatgc	ttatttttca	tgacattccc	tgacttgga	240
attggtcttc	ggctcgatag	ctctcttgta	tcgccggcac	ggatcatccac	agtaaataac	300
caggtctctc	ccgatgttcc	tctgtctcat	cagccgggtg	agattaacgg	ggtacgaacg	360
gccaaattct	gccccggact	tggaattgggc	aagatctatg	aatcacggat	ttatggattc	420
cgggtttcgg	agcgggtctcg	gaccggacca	cgtatgaaat	ggctacggat	gaagcccacg	480
gatgttgaag	aactcaatga	gatggcccga	tatgaggcag	ctcgtaggga	agccgacaac	540
gacggcgata	cagaaatggg	cgccgctcct	gcangangag	cgcagaactc	ggcgatagnc	600
aagaggaaaa	aggcactatg	cngagacggc	ngtncaaccc	tgatcaatga	gcattaacgg	660
ngg						663

<210> 5160

<211> 636  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5160  
 ttatccgccc atctatcata caacccctga ctaatagagt cgacttcatt ataatatcc 60  
 ggttttaggta taattagagt aaaaagaaca tcttggtgat tccgcggcac acacttgac 120  
 tatgggtaac cagcagtcca acatcggcgg agggcccggg ggcgatggaa gggatgataa 180  
 ggataagaag aaggacaagc ccagatacga accacctcct cctcccacga ctcgtcttgg 240  
 acgtaagaag cgcaaggctg ccggcccaag tacagcttcc aaactccccg acatcttccc 300  
 aacgtcacga tgcaaattac gatacttgcg aatgcaacgg gtccacgac acttgctgct 360  
 agaagaagaa tatgtcgaga atatggaacg tctacgcaaa actaaggcac aggcagcaca 420  
 tgattccgctc agcagaagcg agtttgatat tatggaccga aatgcagacg aaaggggtcg 480  
 cgctcgatgac atgagaggta ccccatggg agtcggcaac ttggaagaat taatcgacga 540  
 cgaccatgcc attgtgtcca gtgctaccgg accagagtac tacgtttcca tcatgtcctt 600  
 cgttgataat gacttgctgg agcctggctg cagcat 636

<210> 5161  
 <211> 670  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5161  
 caagacattg caagtttttc aacccggcgg tgatcgagaa gaagaagcga atccgaacat 60  
 gctcatgctg acaccgtcga aattggaaaa cgagcgcaag gccgtgagc tacgcatgtc 120  
 cctaaaacgt gaacgcccag tgcctctgga caaagcaacc gcaaaaatgc cggaagaaat 180  
 tctcgacgaa agaaaattcc atgtcttcta ttccgacgat gggggatttc gagccactca 240  
 tgagaatggg cagcctgggg aggagatcta ttacctcgga atcattgatt gtttgacaca 300  
 ttatggcatg gtgaaacgat tggagcactt ctcaaggggc ctgtcccatg accggaatca 360  
 gatttcacca gtcccccccg agggttatgg tgatcgcttt gtgaagttca tcaagggcac 420  
 cactatgtct aaagaggaag cggtacgttg tccggagctc cggtaactgg gcagaacatc 480  
 tgctgagcgt actccttctg ttgaaaggac aatacatgcg gcggagaaag aagcggccaa 540  
 tgatgtatct tttacgcacc ctcgacgtt atccacaatt agggacccca cggacaccaa 600  
 ttcaacgggt gcaactttaa cactaccgat cgtggacgaa gctggcgagg ccattatcgt 660  
 tgtgggacat 670

<210> 5162  
 <211> 649  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 5162  
 ctgcactttt ctccctcctcc tttcctctca ccggtcttcc catcctatca attcccgacc 60  
 ttctctgcgg tttcccaccc agcgcttctg tctgtgtttt agtttagatt tttgtcttca 120  
 taccctccca aacaagatgt ctgagaacaa ggaattcacc ttccaggagg tgtccggcca 180  
 caacaccaag aaggatcttt acatggatcat ccacgacaag gtctacgact gcacctcttt 240  
 cgctcgatgag caccctcggtg gtgaggaagt cctgctcgat gttggtgggc aggatgccac 300  
 tgaggctttc gaggacgttg gtcacagtga cgaggctcgc gagatcctgg acggtctcct 360  
 cgctcggtaac ctcaagcgcg tgcccggcga ccctgctccc cgttctcacg cccaggctac 420  
 taccaacgcc tcctccaact ccggcagctc taccggcctc ggtggtggcc tctacgcctt 480  
 ccttctcatc ggtggtgccc tcgcttacgg tgcttaccag tacctgaacg ccgcttctga 540  
 agcccagtag agaaaggtag atgacgggga acaagaaaaa taanaaagaa ataaaaatat 600  
 ttagaacgaa cttttaatac gaccttgctg ttttttaaac gtacgacct 649

<210> 5163

<211> 639  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

<400> 5163  
 gcagcttttag ttcttcaatt cacggcgatg gtgtctcatc atatgtctca accagtcgac 60  
 catcttttaa cagtcggcca agcagccgca cgagctactc aaggctcggtc aacccccgca 120  
 cacaccctaa tattggacct ttgacttggg ccggaaggcg gccgaaggcg accaaaaccc 180  
 ccctgggacc ttaatcgacc aaatccaccc atggaaggcg gggggcgggg gcatttggtta 240  
 accattccgg gggaccaaatt ggaccatta accggatggc ttataatggc caagaagaag 300  
 gacttttcat gcgcaaggct ctgccggcca agaataatga gaggcgcgaa actctgggtt 360  
 cgcggttttc taaccccaca gggcttcaga agcgcgcccc caccggaaat tccttcattc 420  
 ctgtgccttg gaatttttca ctataaccgg aattgagcga aggggggggca catggggccg 480  
 cccgattcga agacaaaaac caccaccgat ctgggcgaga ctttctaagt tccatgtgaa 540  
 ttttccacta tctattcctt ccattggcta ccattagaca cacattgggg caacttcgaa 600  
 aggcgtgacg aattcaccgc tgggacgcgc gcttgatan 639

<210> 5164  
 <211> 1006  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5164  
 ggggagttgc ccgtgccttg ccaatccgca tgttacaaca aagactactg gcgccccctcc 60  
 ggggtgctgga gagagcaatt gtgccatcgc tccgctcatc acagccaatc tcccgaccac 120  
 caccaccatc aatactctca cgaaccaaca cctccgcacc gacaccattc ttgaaccgcc 180  
 tctctccctt ctctcaagtc cgtcatgcct cccacgccac ccagggtacg gcgaatcgac 240  
 attcccgtga ccccgcgga aagcgtctcg gtgcgaaacg taccaccggg gaatacgtcg 300  
 ttccaggctg tatcattttc cgtcagcgtg gaacgaaatg gttccaggc gagaattgcg 360  
 cgctaggcag ggatcatacc atctatgcca ctgaggcagg atatgtgaga tactatttgg 420  
 atcccgaacg gcaccctgac cggaagtata tggcgctctg ctttgagaag gacggcaagt 480  
 tgcctacgcc ccggaatgcc ccgaccaaac ggaaactgaa cagggtcgcc gtccttcgca 540  
 tcgatgacgc ccctacgccg attgctggac agtcggatct tgttgctact attgacaatg 600  
 gcactatggt gtctagagtg tagactctgt acgccagtc aggcctctcag atgcgtccgg 660  
 gttatatgtg ccgtgaggcg aactggcaga tgggttgagc agcttagaag gccgggatta 720  
 cagcgaaggc ttacaacccc aagaaccgtt ggttggcatg gagaaagaga caggctaggg 780  
 ccgaacgggc cgcccagatg aagagtctca agaacaagaa gaaggcttca aagaagggca 840  
 aggggtggcg ctaatgatca tagccaacgc ttccgcccac tatcttatgt ctccgcatgt 900  
 ccggagtggg gtcgcacggg atcgggctta aagggtgctt tgtactatag agaaatgttt 960  
 acatccatta aattgttatt caaaaaaaaaa aaaaaaaaaa attcct 1006

<210> 5165  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5165  
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 attgcattca tgggaggtct agatatgtgt tttggccgct gggatacaaa ccagcacgca 120  
 ctgcgccgatg tccacccgga ggacgtatac gagagcgtgt tcccaggcca agactacaac 180  
 attgccagag tgcctgattt ccattgatgt gccattggg agaagaatca gcttgaccga 240  
 aagacatcct cccgcattgg ttggctcgat atctccgtga gcttgacagg ccattgctgt 300  
 gaggatttac gacgacactt catcgaacgt tggaaactta tctacgatac gaagtatgat 360  
 tcacgcaaag atcgcagata ctccaggctc gcattgtacg gtcgtcccag ctgcgtaaac 420  
 cgctcacagc agccagggtg tcagcaacag cagagtacat ctcccggac tagcactagc 480

agtcacgcgag	cacctagcta	ccagcaacct	ccggcgctcac	cacagtcgaa	tctatcgact	540
aagccccagg	cacaagcaat	atgtaaccat	gcctaccagc	aatcggcaac	atcgccgcat	600
cctggccttt	caagctactt	cactgcctcc	atcgcatata	atcaagctac	ctctagcccc	660
catcagcctg	cctctggtgc	tc				682

<210> 5166  
 <211> 709  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 5166						
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tactacggtg	ctccccctca	acccccatat	gggcagcctc	catatggaca	gcctccatac	120
gggcagctct	ccggaggcta	tgagcgcccc	ccatatgacc	agcgctctcc	ctacggtgag	180
cgccccctct	acgacaggcc	tccatacgaa	caggggcctc	ccggtgaccg	tccacaatac	240
gaccgtcccc	cttacgaaca	gggacctccc	tctggcgagc	gcccaccata	cgaccgtccc	300
ccttacgagc	aaaggcctcc	ctctggcgag	cgctcaccat	acgaccgtcc	cccttacgaa	360
cagccacctc	ccggcgagcg	ttcgcaatac	gagcgccctc	catatgggca	gccccctcaa	420
gaccaacgcc	ctccgtatga	cagaccacca	tccgagagac	ccccatacga	atcagaccgt	480
tccttcgact	cccggccttc	ctactnctcc	ggaccacctt	tcggcgctcc	tcctcaaatt	540
ccccaccac	ctctttccca	tgggttgggt	tcaggaatgg	gaggcccaac	gcccgcgcg	600
ccttttgggt	tgatgtagcc	caccggcaaa	ctccagtggg	aacaaccttt	tggcgactct	660
tccgtggaat	gggccccggg	tggccctccg	ctatcatgaa	ccccctcc		709

<210> 5167  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5167						
catcgaacac	ctcttccccg	tgttatttca	acctcgactc	agatatcgcc	tatcccttga	60
ccggaccgcg	tattatcgaa	accgacgata	aacgaagatg	gcttcaactc	ttgctatggg	120
actcggtgtc	gcgaccgcg	catttttggg	tcgcgcaggt	tatgtcgctt	tgcgtcgctc	180
caggggaggt	gtgaacgcgc	cgggcaaggc	attctacaag	ggtggatttg	aaccccggat	240
gaaccgtcgc	gaagccgcat	tgatcctaga	acttccggaa	cgtactttga	acaaggacaa	300
ggtccgcaag	aagcaccgtc	agctgatgct	tcttaaccac	cccgatcgcg	gtggcagccc	360
gtacctggca	accaagatca	acgaagcgaa	ggaattcctc	gataagcata	cttaatggtg	420
gaatcggaag	gggcccgtgg	ccctgggtcac	cggttggggg	attggcggat	cctctaagaa	480
cagaagggtg	gcccttctgt	tcgttgtata	aggaaagaga	atgtcttttt	ttgggtgcat	540
agcatggcgt	tggtggaata	ttcgaggacg	aggttcattt	cttcatgctc	ctcccgga	600
cttgggtttg	catatatccc	tgacgagatc	ggcactcctg	attactttac	atgtcctctg	660
gag						663

<210> 5168  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 5168						
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gttggatgat	gttccccgctg	aacatgatcg	gagcttttcta	tgtaactatg	acagcagcgc	120
tgatcgcaac	cattagaggc	gtccatgctg	ccgtggcagg	gattgctctc	agtttcgctt	180
tacaaatgtc	tgacgtcgtc	gcttgggtgc	tgtctgagta	caccgagatc	gagctggact	240
tcaatgccgg	tgaacgcac	gtcgaataca	cgctgatcgt	aactgagcat	caggatggca	300
tggatgcctc	cacccaatgg	cccacgaaa	gcgagattga	ggccaataga	actcttcggt	360
ggcttaccac	cacaattacc	accggttcta	acggggctga	gcttctctat	aaaatctaac	420
gagcacgtcg	agatcgcccc	gacgtaccgg	ctcttgccana	tagtcatttg	cactcgcgct	480
tctgcgcttc	cttgaggtac	gggcccgatc	cttacactta	ggtggaaagg	gtttctctag	540
actgggactc	acggccctcc	gctccgagat	tgcaattatc	cccccaggag	cccggttatt	600
cttcggggac	cctacgatcg	ggcctcaatc	gtttggaaaa	gccaaaattc	tgagctcctt	660
gcgatttatc	aag					673

<210> 5169

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 5169

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aaattgggac	gagctgccgc	cggagcggaa	aaaggctggg	gaccgatggg	ctgctgtgat	180
caaccctgac	atagacaaga	actgggagat	agacctgctt	catagcgtga	cgcacgatag	240
cattgtcaac	tgtgtccagt	ttagtaacga	tggcaaatat	attgctgttg	gatgctcaga	300
tggcgccgta	caaatagtcg	aggtttcaac	cggaaactcag	gtggctcgtc	tacaagatga	360
gggatatagt	cacgactgtc	tctgtgtaag	agtgaaggtt	ttgcctgata	attatcttct	420
gcttaccgca	catagcgtat	gcaatatacg	cgtttgaggac	tatatgggaa	gcttcttcga	480
cgaacccttg	tggtagtga	actgggttct	tcaactctaga	tcttttcggct	actgggcac	540
taatcgcggt	ttccgagaga	aatangactg	tcaaggcttg	ggatctggat	gcagcatctg	600
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<210> 5170

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 5170

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ctacgatgaa	gaatacacat	atgcagagca	gcgtaagatt	atccaccggg	tggatagacg	180
tcttgtcacc	attacgggtt	tagcatattg	tgtgtccctc	atggacagga	caaactctgag	240
catggctgct	gtcgcgggca	tgaccaagga	cctgggtttg	acaattggaa	cccgatattc	300
cgtcatgggt	ctcatcttct	tcgttcctta	tgtgatcttc	cagccaccca	tgacagttat	360
aacacggaag	ataggtccta	cctacttctt	gggaaccatt	gttattcttt	ggggggcaat	420
tctaattggc	atgggatttg	caaagaaatg	gaagcatatg	gtcgcgacgc	gtgactgtg	480
ggtatacttg	aagcaagcta	ctttcccggg	tgtgtatatc	ttttgtcaag	ctggtacact	540
cgggttgacg	tggcaaaaacg	ggtctctggc	ttttacttaa	atcgggtgcg	agcatcagca	600
atggtctgga	ttcttgcttt	tgggctgagg	caaattgggg	ggctttaaga	tcctggaagg	660
tgg						663

<210> 5171

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(699)  
 <223> n = A,T,C or G

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tctcctaccg gtctctccagc aggcaactct cgaggcaata cgcgggccgac aactccattt      180
aatgctcaat tttcccttcc tgcaacgcca cccgacctct tccttgtcac gcgtacttca      240
cccaaccttt cgccttgcgt gtggggagaac ttccagcccg accagtgtgt ccctgatggc      300
actgccatct tccctgagct gacttccccg cagcagactg ccgtcgatcc acaattacag      360
atgtcctctc agttacagac acaaggcatg gatcagcgac atatgatgcc gcatcagatg      420
tcctccccgag gtcttccccg aacacaggga agcccggaga tgatttcgaa catccccccg      480
ggattgggca tgcaaggcca gcaaccacca caggtgttcg gaatggagaa tcagcagcct      540
tggcccatgg caggtttaga ggcagccctg cataccgggg tggaggctgc tagcccgat      600
gacacctgna gtaatatgctc ccgaagtggg gaaaccgcac cgaccacttt gaacgtggaa      660
gactgggttc aattctttgc attaatggta gctttggcg      699
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<210> 5172  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

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gacaagaatg ctataatcac tgggtgctgca ggagggatcg gtctcgagac tagtatcctc      180
ttcgcccgcg aaggtgccaa tgtcctcatg gccgacatct ctgctcctgc cctcgagaaa      240
gccctcgcca aagtgaagga ggttggtccc aatgccccac gggttgaaac tttcaagtgc      300
gatgtttcca aggagtccga ggtacaagcg atggtggaat ctcaagacag ctggggcgga      360
actgacgtga tcttcaataa cgctgggtatt atgcatgctg acgatgccga cgccgtggac      420
acgccagaga agatttgga tttgacacag aacattaatg tgaagggggt gtggtttgga      480
tgcaagcacg ccgtgctcag tctccgtcgt cataagaaga ccaagggtag cattatcaac      540
actgctagtg taaagtgcctt aatgggtagt gccacttctc agctggctta cactgccaac      600
aaaggcgcgg tgcttgccct gacccgtgaa ctaaaccttg tgcatgcctc ggaaggattc      660
cggtttaatg ccttgtgcg      679
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<210> 5173  
 <211> 503  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(503)  
 <223> n = A,T,C or G

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<400> 5173
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tgatgctccg ttcaatgatc ggaaccctac gcccaggag atgacaaagc aggatatcga      120
agacttgaag gtcgcatggg tgagcgcagt caaacgagct gttaaggcgg gtgctgactt      180
tgttgaaatt cataacgccc atgggtatct cctcatgtcg tcctgtccc ccgccgtgaa      240
taagagaacg gatgaatatg gcggaagctt tgaaaatcgc atccgcctca gtatggagat      300
tgctaagctg accagagagg cggttcccga ggataaaccg ggcttccagg ctctttttgc      360
tgtcgcccgt taaacgggcg gttggggata agctgaagggt anggtcagtg ggcgatgatc      420
actcgcccca gctggccaac tcctttgtag agaaaggagg tctagatttt gtcatgggtc      480
ggcggggttc caaaagaatc cgg      503
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<210> 5174  
 <211> 657

<212> DNA  
<213> *Aspergillus oryzae*

<400> 5174  
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tacatcgccg agttccaatt cgacttagac acgctctcca gaaactggac ccttggcggg 120  
agggtgaacg atccagagac cctgaaggga ctggaattgc tccaggaact ctggacggca 180  
ttcaatcttc cacagggtct caggggagccc cctaaaccgg gtgactcgcc cgttcggctg 240  
ccgttcctgt acaacttcga gatgcagtcg gggaggaagt tcccccaagtc gaagggttac 300  
tttcccctgg ctgatgtgaa tgatcgcgac attgcgaatg tgttgactgc gttctttgag 360  
aagcatggat gtgctgaatt ggcgaaagtct tatacggaga acctgttgca atacttcctt 420  
ggtgttgatc ttgcggagag cgttgcgctt cacgcgtggg tgtccttttc gtactcggag 480  
aaaacgggtc catatatgac ggtttattat cagtggccgg atagcttcaa tcagtgtcat 540  
ttgactgcag ccagctcctg atgtggtcta cgtgggtttc tgcgctgaaa atgcgggcct 600  
gttggcctat tttggcctct ccgtaatggc taatgaaact cctgggacca tgctctgg 657

<210> 5175  
<211> 674  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(674)  
<223> n = A,T,C or G

<400> 5175  
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cctcgtcatt ctgggactcg cgatcggtct catcgccgga gcccgagggt gctccctggg 120  
taccctccaa acatcccagc gaaccgacaa tttgggatgg accttcatcc acggtttcgc 180  
cgtcgtgttc tccggcaacg cagtcggaat ggcgagtcac agcgatttct cacgtttcgc 240  
ccgacgacca ggggccaag tcaaaggaca gctcttctca ttcttgatct ccggaaacgt 300  
cgtgcccac tggggaattt tcggcactgc agctgccgag aaaatgtatg gcgacgtgaa 360  
cgaactgggt ctgtggaatc cgccgaatat cctgcaaatg tggctggaca accagtacca 420  
taataaggcc atgcgagccg cggcgttctt cgtcgccttc ggcttaacat ccagtatcat 480  
ggccatgaac tccatcgaga acggtgtttc gggcggcatg gacatcggcg gactctatcc 540  
ccggtacttc aacatccgtc gtggatcgta tctgctggct gcgatctccg tggatgataa 600  
cccgtggcag attatcgccc aatgangcat tttctacaaa actctgaaca gttcggagtc 660  
atcctcctcc cctc 674

<210> 5176  
<211> 675  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(675)  
<223> n = A,T,C or G

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gaaaggcgag aaaaccgctc tggcgctgga gaatcaccta agcagcctag aacacaagat 120  
tgatgaactg cttaacggct tcgaaggggc acgccaacca caaccacga caggaaagac 180  
taattgcccg gataaaagcg gggtttcggt tacttctcag gctttgaaca gctcttctaa 240  
gtgaaataat ccatcagagt ccttttccac cactcccttt tcagttatga taccatcaat 300  
aagtgccctt ggggttatat cgaatgctgg attccagaca ttgatccctt ccgctgctat 360  
gcacacgggt tccatcttga cggcttcaga ggcaccaccg tcttcgcagg tgccctctgac 420  
cgtagtaacc tcggatgcgg gccgctcctc gatagtgtt tcatccctg atttggtgac 480  
taagtcgata gtcgtgagcg gcgcagccac aagaaatttc acaccatggg actttgcaag 540

caactgcaaaa	catatgtacc	aatcttattt	gcggatcacc	gtagctgcta	ccctgtctgc	600
ccctacacaa	ttgcatncac	gcctatctcg	cttctatcca	ataatgcaac	ttgcctttga	660
tctgggttta	aagag					675

<210> 5177  
 <211> 1193  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5177						
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gacttcgctg	tcggctcgcc	gatcacaacc	ttccttgaaa	agtaaaaata	tcattttttc	180
tgatcaatca	atcataatctg	caatggctcc	tctggctaag	actctcgccc	tcgccggcgc	240
cctttttgccc	gccctcgcc	cggccgctcc	tgtagcaaaag	cgccaggatg	ttgtcgtgaa	300
caccgcgact	accgttgaat	ggactaccgt	gacggtcacc	acgaccatca	ccaccgaccg	360
acctgtccag	actcaagctc	agccactgt	ctctgttct	gcgtcctcca	ctcccgctgt	420
aactcctgag	ccttcccagc	ccgctgaggt	tcctggcgag	tttcacgaga	gtgaggcccc	480
cgagccccag	caatctgcaa	ccatccagcc	ggtttgagct	cccaccccg	ctgagtctac	540
tacctctgct	actcccactc	cggagcctac	cgaacagccg	gaacctaccg	agcagccaga	600
gcccaccacc	accagcaacc	ctcctgtcgt	gggtcccgact	tcgtctagca	ctacctctgc	660
tgcccctcaa	cctaccgcca	gcagccccag	cggtagcagt	agcggatata	ccggcacctg	720
ctccaaagac	tcccgtgca	agggtcagac	caccttctac	gacactgcca	cttcttccct	780
cgccccagc	agctgtggat	acaccaacga	tggcagcacc	gaggacgtcc	tggcccttcc	840
cgctggcatg	atgaaggaca	gcgactgcgg	ccgcatgggtg	accatgcgct	acaatggcaa	900
ggctcgcttcc	ggcaaggctg	ttgacaagt	catgggctgc	gacagcacct	ccattgacgt	960
gtcgcgccac	atgttcgggt	tggtggcttc	cgaagatgcg	ggccgcctct	tcgatgttga	1020
gtgggttcatt	gagtaaatgc	gttgagtgc	agcttctct	gttgactctt	tgattttttg	1080
ttacttcgct	tcttcgatat	ccataccccc	ttttctcttc	ttaaccttct	tcacattcgt	1140
tttatacata	atttacacag	gttgctccgc	ctggagtatt	ggagctatgt	tca	1193

<210> 5178  
 <211> 745  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

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tcaagtgtcc	catcgcaact	acaacccaat	gacaagcttc	tccatgtcgt	gacgttcttc	180
ctgctgtctc	tcattcttcta	ctggattccc	gacaccaccc	gccgacgcac	gctacaattg	240
accttaattg	tctgcaccgc	cgttctggga	attggctccg	agattgtcca	aggaatcctc	300
cccaatgggc	gctcgtttga	cccgtttgac	cttctcgcca	atatcgtggg	tagtctcggc	360
gcagtcggct	tgtagcagtg	gtaccaccgg	cggatgctgg	agaggcggcg	caaagccgc	420
ttcggagctc	ttggagacgc	cacagatgat	gttgagctcg	gcgttgggcc	cggtcatagt	480
gagaccgacc	atgatcagga	ggggctaggg	ccccaggaaa	cggnggtcac	gaatctggag	540
cgtgaggctg	acaattggga	tgagaatgcc	gtcgataact	gggattcaga	cgacngtgt	600
gatgagcctt	ccggtttgat	cgcggaaggc	tcgaaacctt	ctngcccctg	ctgtaatggg	660
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aanttgatg	aaatatacct	cgtca				745

<210> 5179  
 <211> 759  
 <212> DNA  
 <213> *Aspergillus oryzae*



<220>  
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 <222> (1)...(759)  
 <223> n = A,T,C or G

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 gttgctactg ccgccgctgc cccggccgct gacagcacct ccgctcctgc tgcgaccccg 180  
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 agcgggtgtcc agaacgctgg cttcagcgcc gccaaagggtg gcctgatcgc tggccttcag 300  
 aacaagagca acagctgccg ggagaccagt ttctatatca acgacgggtgt tctcaacatc 360  
 tacgatgaca ccgctcgtcc ccaggagatc tacgttgacc gctccggcat gggccagggc 420  
 aagattggct acaccgtcgg tgtcgagccc gctcccaaga acgccgagcg caagggtctg 480  
 gccatcaagg atggccacct cgagtctgac ggatccagcc tcatcgccctg ccccggtgcc 540  
 gacggctaca gcactctgggc ctctctctggg gtgcgtaacc cgggtggcaa caaggattgc 600  
 attggcattg ctgctcacgt cgttgggacc aaggagccca agccttgctg ggccaactaa 660  
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 <212> DNA  
 <213> Aspergillus oryzae

<220>  
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 <223> n = A,T,C or G

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 ttatttccac cctcactgct tcgtctgctg aggcagttta ctggctcacg gatgagaaag 180  
 gtgtcgactt gagcaaggtt tgccgggttg ggggacatag tcgcccgcgg acgcatcgtg 240  
 gggctgggtc gcgaccgcct gggatttcta tcgtagacac gcttttggtat tctttggaga 300  
 ctagtccctt gtttcagctt cggtcggggg ctagggttac gaagggtgtt cgcgaggcgg 360  
 atgaggtctt angggtccag tatacagggtg gtgagaagac tgaaacggag gacaatacta 420  
 ccactacgct taatgggccc gttgtgtttg caagcgggtg atatgcaaga gatgcgcattg 480  
 gactgcttgc caagtatcgg cccgatttgg ctgggatacc ttcgacgaac catgctgttg 540  
 agggaacaca gcctcttctc gagaatataa gcgctgggtt agtggatatg gaacaagttc 600  
 aaatccatcc gacccgattt gtggatgaga aagaaccctc cgcgtctgtt aagattctg 659

<210> 5181  
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 <212> DNA  
 <213> Aspergillus oryzae

<220>  
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<400> 5181  
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 ccccttaaac cgcacttggt cgatcaagat gtgcaagatg ctcacgatct cgctgcgatg 180  
 ggccatgacc aggccctcac gcgcaaatc gacctgtgga gcatgctagc cttggcattc 240  
 tgcgtcctag gaacatattc aacttttgct caggatctca gcagcggttt aaccaacggc 300

ggcgctgtcg	ctattctctg	gggtctcgtt	ctggtcacag	catgtaacct	ctgtgtcgcc	360
ctatctcttg	gcgagctcgc	cagtagcatg	ccgaccgcgc	tgggtcaggc	gtactgggtc	420
tttcgactat	gggatacccc	cttgggtcgc	tttgcttcgt	acatgtgcgc	gtggatcaac	480
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ggcatgaagg	tcatgttcga	gccgacgtgg	gaaggagct	ggaccggggt	gcttgaattc	600
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<210> 5182

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5182

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cgtccgatcc	tgccgcagct	gtgattaagg	caacagatgg	tgtaggggcg	catggagtat	180
tcgtcacagc	tcctgcggcc	tatcgaacgg	cggtatcata	cgtcggtaat	cgcattggag	240
cggttgtcat	gtgtatcgga	ttaggtccca	ctggcgcaat	gactatcggg	ggagatccca	300
atgcttttat	cttcaagaac	ctgacgggtca	aggggacctt	ggtgggtagt	cgggaaggata	360
cagcggcggc	attggacttt	gctcggcggg	ggaagctcca	acaaatttgc	gaagtttatc	420
caattgaccg	attgcctgaa	gcagtagaga	aactgcgaaa	aggacaggcc	acgggacgaa	480
tggcgggtga	cttcaacaag	taaatcgcat	tgatggaaac	aactcgggaa	cccccgggaa	540
caaaatgccc	aggcgggcac	acgaataatt	gccgtcttcc	cttgacccag	tgcctaaggg	600
agaaaatttt	tgaatgtcat	acaacctatt	tgtgggggaa	atttttctcc	ggg	653

<210> 5183

<211> 705

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 5183

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tccggttgct	ggccaacgtc	aagccggccc	ggtacctgga	gcctttcgtc	cccaccggta	180
tcaccggcct	tgtcactcat	cccagtcctc	gcccgaactt	gatctatctc	tacacaacta	240
ccctgcagaa	gttgaaggcc	ttccccgagt	cttcogtcta	ccgccagtct	accgaggctt	300
taaccgcgca	ccgcctgcaa	attgtcgaat	ctacgaaaacc	tcctggctat	gaggcttggg	360
tggagcgcgt	gaagaaggct	attggtactg	aacctgagcg	gttcgcctct	ctccttcgcc	420
cagatggcac	gtacgcggca	gtcatgcgca	gcgatggaag	cgacaatcct	cgtggtgagg	480
agtgggatgg	agaagccctc	gagccgacca	gtgaaggccc	tgcccgtacc	ccagaggaag	540
aagctcgggtg	gcactcagct	atcgaagatt	cggttaaggc	agagaacgag	tctgatttcc	600
aaactcatgc	tatgaagtgg	gagaacgagc	tcgccttgga	agcagagcag	gttgccgaat	660
tcgagatcca	gattggaggc	tggcctattg	aggaggtcat	ncaag		705

<210> 5184

<211> 717

<212> DNA

<213> *Aspergillus oryzae*

<400> 5184

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atttacctcc	ggtgaagccc	tctgctattg	ctctggggac	gtttttcaca	cacaccgct	180
ccttggaat	actggctcct	gtcttcgggtg	acacttacca	tcgtgcgcag	gcagccaaca	240
cgaaagagga	attcatcaag	tccaaagagg	ctgccggggc	tgccgcagcc	tggggaagct	300

ctttgggtcgg	tagtgccatg	caaacttatg	gagtggctgc	tctgattaac	gcaaccggga	360
cgctgagtta	caagggcgcg	gcgtatctgg	gaagtctgat	tttcatggct	agctctgcac	420
caagtttcat	cagccaaatt	tttaccgaga	agcggcctct	ggatacagtt	gctgtaggtg	480
cagtgagccg	agtcttcgag	acagtcgggc	ttagtttatt	ccttacttgg	tggggtagcg	540
gtacgaatcc	tttcgattaa	gtatacctct	gttatgcttt	gaatatgata	tttgcttgag	600
aggctatcca	actttgtgga	cacggttcat	aggcgtgctc	agtacatgtt	ctgggtgctca	660
tgctgtaatg	tggaagaaaa	ggtacatgga	accaagtaat	ttcaaactac	aaagggg	717

<210> 5185

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5185

ccgcgcaaac	caccataata	gctctctacc	agtcgcttga	gtacggcatc	aatcgctcat	60
cctatttgaa	cccgttcctt	attccactta	tcgcgtatcg	tcatggctgg	tcgtggaggg	120
gggtggaggtg	gtcgcaagac	cttgctcgcg	ccgattcatt	ttattttcaa	gcttcttcaa	180
cagcgctcca	ccgtttcgat	ctggctctat	gagcaactgg	ctttccgtat	agagggcaag	240
atcaggggat	tcgatgagtt	catgaatctc	gtcgttgatg	atgcagtgga	ggtcaggttg	300
gctacaaaga	ccggagaaga	gaagcgcagg	cctcttgggc	agatcctgct	taaggagat	360
aacgtctctc	tcattccaagc	cgttcagtga	tcataggggc	cttaggaagc	atacagaaaa	420
gaaatttcaa	aaatgttttg	ccaggctacg	acaatatcta	cttctcttta	atcatgtctt	480
tttacgggtt	gccgctggga	gacactcttg	cacatcaatt	aaatacacgg	agttctgaca	540
cgagagggaa	ttcttttttt	gggactataa	attagtggtg	acggacgaag	cacctattgt	600
cgccgacgat	gagaacatct	acttgccagt	catggtttgc	aacgggtata	tgttcgggtcc	660
gaggcaaagt	ttgct					675

<210> 5186

<211> 304

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 5186

gtgttgcat	tgacaatttt	cctcattcag	cccttcttga	gagattagcg	aaagccttgc	60
ggcctgaggg	gcgctattac	cttctgagcg	cgatggcgaa	ccagcttcgg	tatcctaaca	120
gtcacaccta	cttcttcagt	ttcgcgattc	tccgtttggt	cggttccgac	tactcggaac	180
aggatgagtc	cgacattcgc	cagcagatta	ttcgggtgct	acttgagcga	cttattgttc	240
atcgtcctca	tccttggggg	ctgattataa	ctctgcagga	actgcttcag	aatcgaagct	300
acan						304

<210> 5187

<211> 720

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 5187

ngacttgaca	ctcgatccga	tgcggacgag	gctccgccc	caacaagctc	accaaatacgc	60
cggttcggag	ctcagattac	gcagtgaccg	cttgatcctc	gattgaagcg	gacccgggtcc	120
caatccctta	tttatcgacc	cttattccga	cgttctcctt	tcccgttccg	cgcactccgc	180
accctccatc	atcatgggtc	acaaagtcc	cttctggggc	ggcttcggca	tcgcagtcgg	240

tctctggcag	ctcgggtatcg	aaatgcgtcc	cattctcggc	aaggaatctc	tctgggtgta	300
ccctctcttt	gccgggtgtcg	gtagcagctt	cggatactgg	ctccagggcg	ttgaggacag	360
acagctcaag	atccttgcgc	agcgccgcga	ggctatcatc	gaaaagcgtc	ggagacgtga	420
ccagggcaca	ttgagcaagg	ttgaggaggc	cggcactctt	gccgcgacgt	cgtgaatgtg	480
atattttgag	ttctggagaa	ggtggttgaa	ggacaggatt	agaagacgat	ggctgtgtta	540
gtcgacttga	ctggccaacg	gtccagtcgt	tcttgtatca	aaattcgaac	ggttatgctc	600
gggctcctgt	tatcgaaaga	ggggaaggca	tgacggcttt	agtgcctatg	agcaagacct	660
agattatgtg	tttattttca	attggtttat	tccactgttc	gcattgcaat	agccgaattn	720

<210> 5188

<211> 955

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(955)

<223> n = A,T,C or G

<400> 5188

cttaaatact	gtagtttctt	tgcagcactc	tctccttcta	tgcttagcct	cgccccgaga	60
accctgaacc	gcgtccccag	cttccaggat	atcctacaag	gcaggatgac	ccaccagac	120
atttccgttg	acgttctcgt	cattggtgcc	ggccctactg	gtttaggtgc	cgccaagcgt	180
ctcaaccaga	ttgatggccc	ctcctgggtg	atcggggaca	gcaatgagac	tcctgggtgg	240
cttgctttca	ccgatgtgac	ccccgaaagg	tttctctacg	acggtcgagg	tcacgttatt	300
tttttccact	acaagtactt	tgacgactgc	atcgacgagg	ctcttcctaa	ggaagatgac	360
tggtacagcc	accagcgcat	ctcttacgtc	cgttgccagg	gccaatgggt	tccttaccga	420
ttccagaaca	acatctccat	gcttcccaag	gaggagcagg	ttaagtgcac	tgacgggtatg	480
atcgatgctg	ctcttgaggc	tcgtgttgcc	aacaccaagc	ccaagaactt	cgacgagtgg	540
atcgttcgca	tgatgggaac	tggtatcgcc	gatctcttca	tgcgctcccta	caactacaag	600
gtctggggccg	tgcccaccac	caagatgcaa	tgtgcctggc	tcgggtgagcg	tgtcgccgnc	660
cccaacgtca	aggccgtgac	caccaatggt	attctcaaca	agaccgctgg	taactgggggt	720
cccaatgcta	ctttccgttt	ccccgctcgt	ttcgggtactg	gtgggtatctg	gattgcagtt	780
gccgacactc	ttcctaaga	gaacactcgt	ttcgggtgaga	agggcaagggt	taccaaagtc	840
aacgccaca	acaagaccgt	ccagctcgcc	gatggcacca	ctgtcgggcta	caagaagctc	900
gtttccacca	tgtctgtgga	tttcttctgt	gaggctattg	gtaaccagga	gcttg	955

<210> 5189

<211> 1762

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1762)

<223> n = A,T,C or G

<400> 5189

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gtccttacat	tggcgacaga	tatcgttaca	agggatcttc	gcaagcccat	aaatgtcgct	120
tgagtacctc	ttcaggcgac	ttcgtgaggt	tggcgctcgt	gcagtacacg	gtgttcctgg	180
ggactacaac	ttggtggctt	tggtattacc	gccaaaatgc	gatcttcatt	gggtaggaaa	240
ctgtaatgag	cttaatgccg	gatacgctgc	tgatggatac	gctcgaatca	atggaatgtc	300
tgctttagtc	accacctttg	gtgtgggtga	gctatcggcg	ctcaatgcta	ttgctgggtgc	360
atactccgaa	tttgtgccta	tcgttcacat	tgttggtcaa	ccgcatacga	aatcacagaa	420
agatggaatg	ctcctccacc	acaccttgng	caacggcgac	ttcaacgtct	ttaccagaat	480
gagtgccgac	atctcttgca	cacttggatg	tttgaactca	actcacgaag	tggcgaccct	540
cattgataat	gctatccgag	aatgttggat	tcgtaatcga	ccggtttata	tctctctccc	600
taccgatatg	gtgacaaaga	aaatcgaggg	agaacggctg	gatacccttc	tcgatcttag	660
tctaccaccg	aacgatcccc	aaaaagaaga	ttacgttgtg	gatgtgggtc	tcaagtatct	720





```

agaaaagaat gagataacga aacgatgaag tgagtcttgg tggccgatca catggagtgt 480
gggggaggtt ctgtccatac ggggaagggg gaaatgacaa cccgacctac cttctttgct 540
tctatctctc ctgggatata ggaatggagg caagggacat aattccatag gcgtggacaa 600
ttggacaaaa aaacataaat ggatctctga ttctaattgca ataccactgg gacttggttt 660
ctttttac 667

```

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<210> 5195
<211> 671
<212> DNA
<213> Aspergillus oryzae

```

```

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

```

```

<400> 5195
taaaagccac gtatgagctg aaacccaagc ttcggaggca cttcaagggg agcatataaa 60
gtgaacgcga ccgaagtagc cgagtatttt gagtaaatac gggggagggc aaaaactggc 120
atgagaacga gctaaaaaaa ggaaagaaag gaaaaaaaaa aaagaaaaag gcacatcatg 180
ggtcgctttt ccggcgagcag gagcagactg catcgacccc tgcaactcag cggtgatagc 240
gatcagtggg ggaatcgaga tctgatcccc ttgcctccag atcgacacac ctgggtccagc 300
tgggacttcc tctatctatg gagcaccgtc ttcttcacca cattcggtcg gcaaatcact 360
tcctcgctcc tgggccttgg tttgaatgtc tggcaatcca ttctctgcaa catcattacg 420
aaattcctcc agacggccgt ggtgttctgt gttgcatggc ccggtggagt ctggcacatt 480
ggcttcacgg ttaactctcg ctccgtgttt ggaatgtggg gatcgatgt gccagtcatt 540
ctccgtatta tcctctgcat tatttggtat ggcggnacag catttacggg cggccagctg 600
gtggggatta tcctgtcgac aaaatttctc cggctattat tatatgggag aacacacttg 660
ccagaagtcg g 671

```

```

<210> 5196
<211> 676
<212> DNA
<213> Aspergillus oryzae

```

```

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

```

```

<400> 5196
cgccctaaaa taagtcttag catacaacca ttgggtccgag gagaatgtat atcaagttag 60
acatcggcct tatatctagc ctccaaatcg aactaccagc atatttttga tggaaaccctt 120
ctccctggcg tatcctatcc tgaagcggtt gccgaaaatt tgagctccaa gcggacgaac 180
cataagcttg cagagcaagg ccgacgtaat cgcattaata atgcgctcaa ggaaattgaa 240
gctctaattc ccgctgagtt tgtcaacatg aaaaatgcga aagatgctac gccttgtagt 300
ctgaaaggca gtgaaaagga aaaagagaaa cccagcaatc agcagatcag taaggccagc 360
actgtggaaa tggccattga ttatatataa gcattgaaga aggaactcga ggaaacgaag 420
ggcaagctag aggtctgtga ggctcggcta ggcgagaaag agacttctca agcccacgac 480
ggcgactcag ttagccctga aaatgagcaa ttggaaaagc ccggcgaggt tgtaggtgtg 540
cttacaagcc ctgcaacgaa tggccctgca tagtcttacg atggagacat cgtagtgatt 600
tgaaccgaat ggggtctttt gctagagcac ctgtttaatg tgacatgctn tacgacagca 660
gaaatcgga aactgt 676

```

```

<210> 5197
<211> 665
<212> DNA
<213> Aspergillus oryzae

```

```

<220>

```

<221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

```
<400> 5197
gaagattttca gtggcatttt tgatctcatt gaagctgtaa tgatacaggg cagtggcccg      60
accgaagcaa gtgcgcgcct gcgtaagaag cttaaatatg gaaacttgca tcgccaacta      120
agagctctca ctatcctcga tttcctgatt caaaatgccg gagaccgctt tttacgggaa      180
tttgagacag agcctctact ggaacgtctg cggatcgctg ctacggaccc catttctgat      240
cctctagtca aagaaaaatg caagcagatc ttccggacagt gggcagtatc ctacaagaac      300
acaccgggca tggaaacgtgt gacaggcctc tacaggcaat taccgaaacg caaacagccg      360
gccaatcaag ctaaagcgaa ggttctccgg gagtctggca cttcggacga acctcaaagt      420
ggccacaccg tgtccatctc tgcgggcaat ggcccggcta cagtttctaag tggccctaag      480
caciaacata ctttcagcaa atctctcnnng aaggaaaaga aagagaagaa agtttgcgga      540
caagactctt aacctcgaaa aggagaagcc cgaaatttta cagacaactc gctctggatt      600
cggcgctagc acgaatcttc taaaacgcac ctaaacttgg tcacccgaga aaaacaacgg      660
ttggg                                           665
```

<210> 5198  
 <211> 637  
 <212> DNA  
 <213> *Aspergillus oryzae*

```
<400> 5198
ggtggaacaa tattcttgaa tccatttcta aatacaaga taaacgaaat gacgataatg      60
ctagtgcggg ttgatacac taagagccct atggctgctt tagttgaaat tcgatagtgg      120
atagtggagc gaccaagctt tccgtactcc gtaaataatg cccgaaactt ggagcaaccg      180
ttacattctt cccccagaga tcggcggact ctgttcttca aaccatgcag tgtacttgcg      240
ccccattgac ttccggtccat ccacaacctt gatgcttgat ttccctcggc agagtatttg      300
ccgtgcgctg gacactcccc gaggaccttg cctgtaatcg caaatcgact ggaatagggg      360
tgtgcaatgc acttagccaa cagggctcca tggcatagga atcaaaatcc gactctgcat      420
gctttggatc agagggacag tcttgtgcac agtctctgcc catccttcga taccocatga      480
ctgctctcgg cgaatcttgc gttcttcgag attcgcaaat tgccacaggt ggtgcacagt      540
gttcaagtcg ccaatctgaa caaacaggc accgactccc tccatgactt caccgacagc      600
cctgaggccc gttcgccagt gcgattccca ctccaa                                           637
```

<210> 5199  
 <211> 1262  
 <212> DNA  
 <213> *Aspergillus oryzae*

```
<400> 5199
gagaaaacgc gaaagcactg acagcacccg acctgatgct cagcgactga accgctcctc      60
caacggaagt aacggcagta ttccagcccc cgatacccaa cctaattttcg gccatgcctc      120
gcttggctct tatgatacgc atggcctccc tgggtgcagca tcggagctta acattgacca      180
gcaaattctc caacatgtcg gtccgcagaa cggtatctct gatgagaatg ctctgacagc      240
taaagctgct ttagccgcgc accaaccgca gaataaatac ccacctcccc cagacgcgac      300
atctgacagt agccttccac acggcctgac cttcggagat gaaatgggcc aagcgatagg      360
tggcgctcat ggtcacaatt ccactgctgc tgctgtctat gctgcgcgcg aagcgcaaag      420
catgaacca aagccctccg ttgggtcgcc ggaatggcat caaatccgca agaacaacca      480
caaagaagtg gaacgtcgac gccgtgaggc gatcaatgaa ggtatcaatc aaattgctcg      540
tcttgttccg aattgcgata agaacaaggg tgctattctg caacgcgcga ttgaatacat      600
ctgtcaactt catgacgaaa agaaggcgat gagcgagcga tgggaacaga ataacatgac      660
tacgagtcac gccatcaacg aaatcagcgc acagaactcc aaattaaaag tcgaagttaa      720
tcgcogtggg gatattgcgc tcaagtggct gcaacgctgt cgcgatgcgg gcctcgagtt      780
tgacgattat gaggaggcca aggagctgga acctctggag gttgatcagg gccaggtttg      840
acatccgggt cacttctctt tgctgcgtat acataagtgc cgagacttca tttctgcgat      900
gatcttctgt ccgtactaaa cgtgccacga cttatatact tctcttttgg aaggctggaa      960
atcctgacat agccactctt tctggacatc tcctttcctc tgcacatctc gatgggcctc      1020
cctcccttga acaaactttt ccagatctgc cgagatgcc a tctaacaacg gcacgtgtgt      1080
```





cgagggatac	accgagtacc	ccccggacgc	caaccgtggt	ttcaacgttg	ccccggcggt	60
gattaagctc	ggtggacatg	aaaacccgat	ctacatgcgc	acaaccagcc	ttcttttgcc	120
gctaccacg	cggatttta	gtatgccgta	caatgtgatt	atccttacca	gcacggttat	180
cgctctancg	ttcgggaagca	tcttcaacct	tttagtcctg	cgcttcgtct	ccgccgaaga	240
ggcagccgct	ctcacatcac	acacattana	ggccctcttg	caagcagagt	cctaacaatt	300
cgggatcgga	ttaaaggaaa	aaacccaaag	ggtaataaac	cctgtcacat	tataaacaaa	360
ttatgcccac	tccttttttn	ttcnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 5203

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 5203

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cgtctctttg	cgcctctctt	cctcgacata	cctgtctcag	cggacacgga	gatggcagtc	180
caccgaggcg	gaggctgctg	cccctgtcaa	tcccaagatc	agccagattg	ttgaccagat	240
cagcacattg	acgctgctgg	agaccgccga	cctcgtggcc	accctcaaga	ccgcctcaa	300
catccccgac	ctccccgttg	gcggtttcgc	catggccggc	ggtgctgctc	ccgccgctgc	360
tcccgcgag	gaggaagagg	ctgctcctgc	cgcccaggag	aagaccctct	tcaacctgaa	420
actcgagtcc	attgacgccg	cctccaaggc	caaggctcatc	aaggagatca	agtcnctcct	480
cgggctctcc	ctggttgaca	gcaagaagtt	cgtcgaatct	gtgccaaagg	tcctcaagga	540
gtccgtgccc	aaggaggacg	ccgagaagat	catcgagacg	ctcaaggccg	tcgggtgccag	600
gggcatcatg	gagtaaaccg	ggaataaaat	ttcgatgaaa	tgatttatoc	tggtggatgg	660
cc						662

<210> 5204

<211> 1015

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1015)

<223> n = A,T,C or G

<400> 5204

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ttcatatatt	aagccgcatt	cgtgcgcac	tttcaggaaa	aatggctgcc	aacaagcaag	120
gcaagatgca	aaaccttata	aactatcgga	tgagagttac	tcttaacgat	ggccgacaga	180
tgaccgggtca	aatgctcgca	tttgataagc	acatgaacct	cgtcctcgcc	gatacagaag	240
aattccgccc	cgtcaagcgg	aagtccaagc	cggctgctgg	accggctaac	gctcctctcg	300
tggaatcgga	agagaagcga	acgctcggtc	ttaccattgt	gcgcggtacc	cacgtcgtct	360
cttgctccgt	tgatggacct	cccccggcag	accctctgc	acgacttgga	acaagcgctc	420
caggecgctgc	tgctgccgca	gccactctcg	ccgccggtcc	tggaatcagc	aaacccgctg	480
ggcgtggtct	acctgtcgga	cttgagggcc	ctgctgctgg	tggttgaggga	cctccacctc	540
ctcctggcgg	cttccctggt	ttccctcctg	gtggtttccc	aggagcgccg	ccaccaggat	600
tcgctggccg	cggagcgcc	cccggaggac	ctcctgggtt	cgccctccc	ccaggatttg	660
cgccccaggg	cggacctccg	gccggnnttc	aacccctcc	agattccagc	ctccggccca	720
gggacgtgaa	tttcttccac	cagaatttgg	aggacggtga	acttcccatg	tcaaccggac	780
cattcgctaa	cattattcca	acccaattg	aaccagggcg	gcttactatg	gttgatata	840



gttacgactc	gatcaatcgc	cgagtactgc	caccagagga	gctggtgggt	gcttctaata	60
atacagatac	cgtaaccgca	gccaaagtcca	ttgttattat	actggatgag	ttcgacctct	120
ttgtcactca	cccacgtcag	accctcctgt	ataatctgtt	cgatattgcg	caagcgcgga	180
aggccccat	cgcggtcttg	ggcctgacta	cgaaagtgga	tgtgactgag	atgctggaaa	240
agcgagtga	gagtcgggtc	agccatcgct	acgtctatgt	accactcca	agatcattag	300
aaggcttttc	cgaaatttgt	cgagctggtc	tggacctgga	agataaggag	gtttcggact	360
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atttacggag	gatattcttt	caaactagat	cggcaaagga	gttctttacc	agcgctttga	540
ttggcatgac	ggagctgcat	tacagcacct	acgacccac	aggcggagct	gccacgctcc	600
agatcccaac	gccaaccacc	tttagcagcc	aaagcctatc	ttgtccaaaa	tccggacctc	660
tgcggttctc	cacctcgacg	acgacctctg	ccagtccttc	gncgctgccc	ctatctttg	719

<210> 5208

<211> 565

<212> DNA

<213> *Aspergillus oryzae*

<400> 5208

ccctaataag	taaggaccct	cgacgcttga	ttattgtcga	cagggatttt	ctctctctat	60
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caccctttgc	gtactgggtg	ttgctagtgc	ggcggatcca	accgcacaat	gcgataactg	180
gacccgatca	atgctgcgca	acggctcggtt	taccgactga	cagtgtagtc	tcacctttac	240
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ctattgtcca	gggtggatct	tgcccaggcc	accccgtttg	ctgtacagga	aataatttca	360
atggctctct	agcccttggc	tgtacaccgc	tcacgttatc	tacatgaaaa	cagtaaaaag	420
aaagcaaagg	caggcacggt	tcagttagta	tttcgatctg	gttgggggag	agggaggcca	480
aaatgtctcg	gacgaaaatt	gattacaagt	gtacgttgag	cagaaatgtt	caagggtggtg	540
atgaccgtat	agaaacatgt	cttat				565

<210> 5209

<211> 771

<212> DNA

<213> *Aspergillus oryzae*

<400> 5209

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<210> 5210

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 5210

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aggacgaaca	ctacgcccag	gagaagcccc	aggtcaccaa	gaacaacggt	cttcttgctt	180
cggacgacga	agatgatgac	tacactgata	ccgagtctga	aatatccgag	gactccgata	240





taagaagcct aaatggaaac gcattccata aagagaaaat gaaaccaaat ctttaactat 660  
cagaatgctg g 671

<210> 5216  
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<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(661)  
<223> n = A,T,C or G

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tcgggtggtct cttncgcaaa cagcattcaa gcgtaccgat ccgattccta cgccgcggag 180  
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gttgcgatcat caactttagc ttggatgttg acacagaggg aaagctatct ctctgcctaa 480  
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a 661

<210> 5217  
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<212> DNA  
<213> *Aspergillus oryzae*

<400> 5217  
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cgtatcgccg gtcaggatac cagaaagtac aacttcaaag cttacgatga ggtgcatttg 180  
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gacactcagt ccggtacttt agatgtgcaa tcgactccga gccggtccca gcaagtaaat 420  
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caaaagcaga gcacatcgca gcctcgtgca ccgaccgttg aagagcgga cgatatattt 600  
gccgacgttc ccacttgata gggcgaacct taaggctatt gctcaggctg ctccggcctga 660  
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<210> 5218  
<211> 651  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(651)  
<223> n = A,T,C or G

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gcacccgacc atgaccgacg aagacattgt tgctggtctg caaatcgccc gtgcgagcaa 180

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caaagtgatc	gaggcgacag	cagcagccaa	ggcaggtggc	aacgagattg	acatggtcgt	360
caacgtggga	aaagtccttg	gcggcgattg	ggactatgtg	aaggaagaga	tccgtcagat	420
caacgaagcg	gttgtggcta	aatgggtgcca	tctcaagggt	atcttgaaaa	tgatatctnc	480
catctcagca	tatcactaga	ctgtgtgaga	tctgcacgaa	attgaaagtc	gcttcgtaag	540
acctnnacc	ggtaggctt	gtcaagcaga	aggatgatca	tacaactatc	gtggagcgac	600
ggtcaggatc	tncagctcat	gagggagaaa	tcggggagga	tgtcagatta	g	651

<210> 5219

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5219

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tccattggtg	ccctagcctt	cctgctttct	ccgtgaacc	gaggttgccg	attactttaa	180
acctgtccat	tgcgcccat	aaccacttga	tctccccctc	tgaacaatct	gcgcataatc	240
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acgctcttca	gttctccttc	aagtccatcg	cctactatat	ccgtcgcgca	tccttaatca	480
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gaatccggaa	gatatcttga	tctccgccat	gcgcgggtca	aggaaatgcc	ggatcctcgc	600
ttcgaggagg	aaaaagaaac	catgatcttt	aaaaagcacc	ctactcccg	tacgcaggtt	660
gttgggaccc	ccttcaaggg	tcctccaa				688

<210> 5220

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 5220

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gcttgaaagt	gaaactaacc	ttagtactga	tatggccgtg	gccacggcga	ataacttcc	180
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tgaattcgat	gacgacattg	acgacgacct	catgatgttt	gatgcacagt	gaaagccaag	420
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atgtttgtta	gctaaatatg	gtttttcgat	ctctcggtct	ttcttagacc	gcacaaacat	540
cctggctcat	tcaatacccc	aatacgcacg	atgcattgtt	tgtgaacgtg	gacttgagat	600
tgatatagat	attgtagttt	ttacgtgcta	ttattcctga	caaaaacaga	ttttccccaa	660
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<210> 5221

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 5221

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cgcattgcga	cacagggtgt	gcggtttact	gactttcatg	ctgcggctgc	atgctctccc	180
acccgcgcga	tgatcatgac	cggcacagac	caccacatcg	ccggcctgtg	caacctcatc	240
gaatggacca	acatctccgg	ccagaacggg	cccaaaggct	ccgcgatgag	taccgctcca	300
cagcgcggca	tgccagggtta	cgaggggtat	ctcaatgagc	gcgttggtgg	actccccgag	360
gtcctccgcg	atgcaggcta	ccacaccctc	atgtccggga	aatggcatct	gggcctgaca	420





gcagggaaag caccaccaga aagccgttta tactgggcaa cgatcgacgc ttcgggtctg	600
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<210> 5225  
 <211> 692  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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agcgaacctt	cggaatcttg	tcgagtctcg	gtttcagttg	taccattctc	gccacgtggg	240
aagggttatt	tggtaccttc	ctcatccctt	tgcaaaatgg	tggtccagcg	ggcgcggtct	300
actcgttcat	cttcgtctgg	acgggaacag	catgctcctt	cgcggtgctn	tcggagctgg	360
tctccatggc	accaacgtcc	ggagggcaat	atcacttggt	tgcatgctt	tccccgccga	420
ggatgatgaa	atgcctgagt	tacatcaccg	gctgggtgac	aaccattggc	tggtatgtctg	480
cttttaccag	tgccagcttc	ttggcgggga	cggaaattca	gggcgttggt	acccttgccg	540
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tctgggataa	acatgtcggg	ggaagtgggt	ccaaaattca	aaactcgttt	caagcgtcaa	660
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<210> 5226  
 <211> 645  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

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cgaagtccga	gaagcttatg	ctcaggcctc	gggggccttt	ggtcgcggcg	aggggtgtga	240
gcagtgtgag	cgcgatcact	atggcgagaa	gttggatgcy	caacgagagg	agggctgccg	300
catagaggga	ggtctacgcy	tgaacaaggt	cattggtaac	ttccatgtgg	ctcccggacg	360
aagttacagc	agcgggaacg	tgcacgtgca	caatcttaac	acctagttag	atgtgccccaa	420
gggtttccgc	gacgatctta	ataagctggg	cacgtacgct	ggttgcgcac	gtgactcgct	480
cagatagtgc	tgagaggtcg	cgaaaagaac	acggttgagg	ccgcccgcag	caaactttga	540
ggcggactcg	tgccggggag	cgcgagaccc	agagagcact	ctagagnnct	ttgaaaagat	600
tgccccgact	aatatcttcc	tcttgggggg	gaaaaacagg	ggcat		645

<210> 5227  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5227						
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togaagctgc	tacggctctc	ttccaacgcc	atcacgttcc	gtttactcca	aaacccctgt	180
ctttctacct	ccgcactaca	agttccaaca	acttgataaa	cgttccacca	acaaatgggg	240

ttttctaacc	ccgaacctca	tcccccaatt	aattttgaaa	cttggggggtt	gggtcgaaac	300
ctgaaggacc	ccttcttact	tttccaatcg	ctgggggctcc	ccatgaccac	ggttattcaa	360
ttcttcctta	acaagacagc	atggatcttg	taacggatgg	gaaagttcca	cgggattttg	420
aacctgttc	ttgcaaacct	gattacgtta	attgaccgga	ttgcatttgt	aaacagcttg	480
acggaatcgg	ccttcaaaaat	cccaacccca	aatgctttta	cggcggaaaa	cgtcacacta	540
aagctgaatg	gtgggctgga	cacaaaaagt	tttgaacctt	ataaaggaaa	ctacggggtg	600
gaggaatccg	gaatattcat	ttttcaaaatt	tgcgcaaaaa	aaatatcgct	ctaaaaattg	660
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<210> 5228

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5228

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gctctcgaaa	ctgctagctt	gctcatcacg	ctgtcgtaca	gtgtgcgcaa	ccagtttcct	420
ttcagcactt	atggcgaaac	cgcgttgatt	gccgtacaag	atgtagtggg	gggtgttttg	480
gtgttgacct	tcgccgatcg	atcaactgcg	gctgcggcgt	tcattgcggt	tgttgcgggc	540
agtgtgtacg	ctttgctttt	cgatcaaaact	ttggtggacg	cgcagactat	gtctcttttg	600
caggtgggtg	ctggtgacct	angcgttgcg	agcaagcttg	cccagatcat	aaccattagg	660
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<210> 5229

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 5229

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ttggtatcta	gcgacctatc	tcatttcccc	tttacgcaag	atccctgggc	cctttctcgc	180
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cgggtgtcctg	ccacttgagc	cccatattga	tgaggtgatc	aaactacctct	gtcagaggct	540
ggaagaggag	ttcattaatg	gattgaacgc	tggnaatagc	tgcannatgg	accagtggct	600
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<210> 5230

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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 cctcaactgg caacctctat agccgtgaag gcctgacaag atacatcctt gcttgctgtc 180  
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 caccgcttga ggtttagttg actctgggca aattaacgag tgtggagtgc actaaagatg 540  
 agaaatgatc tataaagcag attgctatta tttgtacagt aaaaatgcaa caccataatt 600  
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 accn 664

<210> 5231  
 <211> 654  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5231  
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 cctcgagttt aaaaaacttt cgagaattt tcccttgatc tcccttcttc caatatgaat 180  
 ccacaccaac agaacaaagt cgatactgcc tccttatccc ctgaagagca acgcctattg 240  
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 gtcaccaata ttggttctca gcaccccgct cccgaaaaca tccctcattt gacggctacc 420  
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 cccgtgaaag aaggcagcta tctacaacgc ggaactagcg cagatgagtc tgagggtaac 600  
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<210> 5232  
 <211> 494  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5232  
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 ccttgtttgt ccacgagcct ggactgaagc ctgttttgcg taaagccggt gttatcacgg 180  
 tggatgcgcg tcgtgtggag agaaagaagc ctggtcatgt caaggccgcg aagatgccc 240  
 cctgggtcaa gaggtgaagc aggcctatcc cctgttgtct cgggagcttc ttttcttctt 300  
 tctcattctt ctcttgctg gattattcca ccttcccttg tgacctcga cgatgtatat 360  
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<210> 5233  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
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 <223> n = A,T,C or G

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gcccttcctt gtcgcagcat cggcagctct cctatccccg ggactggctg ctgggttttc      180
gactgagctt cagagtgtat tgaagaacac gcatggtggc aatgaatatg attatccac      240
cgactttacc aggggtatat tgccataacc agtccactcc cacaatgatt actggagaga      300
tattcccttt tacactggtc tttccaaggg ctgtgtctca acggaagccg atgtatggct      360
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tgagtccctc tacgtcaatc caatgttaga cgtgctcaag cgccaaaatc cccaaactcg      480
atttgtgact tcaccacga aaaatggcgt ctttgacact acttcttcgc aaacccttta      540
ctttttcggt gatgtaaaaa catcanggac ctgaacatnc gaagctgtta tctctgcatt      600
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<210> 5234  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

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aatggctctc ccgcggcccc tctgaccgtg gagggatttc ctgccctgag ggccaacagc      180
gccccaatte ccaagggtgt tgcacctgcg acgagtagtg atatgttcaa aagcccggca      240
tgttatacga agcccaaagc taaacgctgg gatcacatlc tctccaccga agctaaatct      300
cggaagggtat ccacattgaa ggggtgccgc aaataacttga agaaccacag cctcatatct      360
ctgggtgggtg gactgccctc tcctgaatac tttcctttcg aggagcttga tatcaaggtc      420
cccaactccac caggattttac gcccgaagct actcgcgagt ctggaaccgt tgtacacgcc      480
ggcaagagtg atattcggga aggaaagagt ctatatgatc ttgaggttgc tcttaattac      540
ggtcaagcca cgggtgctcc ccaactgctg agatacgtca cagagcacac agagctcatc      600
cacaaccccc catactcgga ctggcaatgt tgtcttgact gtggtagcac cttcngatgg      660
gatgtggcac tcagactctt ttgcgan                                           687
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<210> 5235  
 <211> 686  
 <212> DNA  
 <213> *Aspergillus oryzae*

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gaaaatggtc atggctcgat tatggaaaaga ggttcttagc actattgaat gcttgcttgt      180
acctcccttg tccgacaagc catcccatca gaaacctctc acgatgcagg aggttgatat      240
agtctcacgc tggctcgtgc tgctcttgaa ctttttccac gctgttgatg aagaaactgg      300
tgaagcaaac ggtgtttcga ttgatattct gaagtcgccc aagtatcacg agattcaatc      360
tctgaacttt ttctactttg aaccaccga gaatcttatt cgcacctctg agagaatggc      420
ctcagcaacc atatctcggc agcaggccaa tagaaaccga gcgtccgcgc cggcccatct      480
tggttcttga ggatcgggag gattcctcgg cgttcttggt gctcggcgag ctaagagcat      540
catgctctcg cggaaccttg gcacaatgaa gacgatgaag gaggaanaat ggcgcaagc      600
tcaggccgaa ccaaatgatg acatgatctt gcgaatcctt cgtatgaggc cagaagctgc      660
tggctacctg cgcgatcgaa gtcgggt                                           686
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<210> 5236  
 <211> 666  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(666)  
 <223> n = A,T,C or G

<400> 5236  
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 ccactccgtt tcacgaccac ttgtctcttc tcgagagctg tggccccctc cgagcagtat 120  
 agaaaaaggg ttgcgcaa atcgtactcta tatatagtta ctgctagcgc tcgcctcaat 180  
 catttcgccg gacctcttgt gacatagctt atcccttgat ataatggccg ctcgtcattc 240  
 ccgcagactt ttgcggcctc tgctttatac ttcggccgca gcggctgcag gagctgggtg 300  
 tctgtatata tcctaccgtc cccgcaacat ccctggctcg gaagctccgg ctgtaccacc 360  
 ccctgggttat catgagggga aacttggtgc tccgagcttt ccctcaatca agtcgcgtct 420  
 ggaacagatt caggacttga aacgcagttc cagtgggtgat gattcagacg tgtatgacct 480  
 ccttattatc ggtgcaggcg ccaactgggtc angaatcgct ttagacgcag cgacacgagg 540  
 tttaaaggta gcggttgctg aaagagacga cttcagctct gggacaagca gtaagagcac 600  
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 cagtcc 666

<210> 5237  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5237  
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 atccataaag ccaggccgga tgttgttgct gctgcgcata cgcattggagt ttatgggaag 180  
 acgtggagcg catttgggaa ggggatcgag atgatcactc aagatgcgtg taacttctat 240  
 ggaaaactag gtgtttatgt tgaccacggt gggattgcat tggctcagga agaggggcag 300  
 caaatcgcgagggttttagg ggaggacaag atagcatgca tcttgagaa ccatggtttg 360  
 ttaaccgtag gtcgcacagt ggatgaagca gcctttctcc tttccagctt ggatcacgcg 420  
 tgtcattctc agctgatggc cgaagcggcc gctgccaatg gggtagcgaa gaagattatc 480  
 aatgatgaag tggctcagta cacggccaat gcagtcagaa ctccgcacca tttctatacc 540  
 gaattccaac ctgagttcga cctcatcgctg gaggagacaa acgggcagggt gcttctgtga 600  
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 aacctgttca tagga 675

<210> 5238  
 <211> 697  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(697)  
 <223> n = A,T,C or G

<400> 5238  
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 ttcaactcta cccaggtcac gttgcgaaga tgccctgcaa gatgcctgat acctaccct 180  
 cccacgctga ggactttgag tccaaggaca atgcccagga ctctgattat gttagtggta 240  
 gctcgagtga cgattatctc cccgagattg tcttcacgaa accacatttg cagtttctca 300

acagacagct	gcagttcctt	gagcctcaag	atgtcttgag	atggtgtgtt	acatcactcc	360
ctcacctttt	ccagaccacc	gcgttttggt	ttactggact	cgtcactctt	gatatgcttt	420
ccaagctgga	ggccccctgc	cctcagatgg	tgcacctcat	ctttctggac	acttttcatc	480
acttctcgga	aacccttact	ctggtcgaca	agattcgcca	gaaggacccc	ttgaacaaca	540
atcctggcta	cnagcccaag	ggcctaactc	ttgagaaagt	tggcccagaa	gaacgggccc	600
gtccatggga	accggaggat	aactctatcg	atggggccgc	aaggtaaagc	cgaccaaggg	660
gcctaccggg	aaatctaaga	tctctacgtg	tctcccg			697

<210> 5239

<211> 876

<212> DNA

<213> *Aspergillus oryzae*

<400> 5239

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cctaccgcta	ctcttattaa	tagtctcact	cactctcaca	tcccttggtc	aggtgtagca	120
ctcgatagaa	gatcgtaact	gaaggcccg	ctgcacccca	ccatgccacc	ttactcgggt	180
ctccagaggc	aacaaatagc	tcagttcacg	aactttacac	aagcaaagga	tgcagtagct	240
gccaagtctt	taaaagcatc	taggtggaat	gtcgaagaag	caattgatgc	gtttttccag	300
agtccccagg	gcgcaggggg	tgccacctcc	tccatcaaca	agatattcga	cagctatcga	360
gactctccgg	atgacaaccc	cgatggcatc	ggcattgaag	gagcgatgaa	attcctcggc	420
gatatccaag	tgcaactaga	cgaagtgaca	tgtctcggca	ttgcagaact	tctgaaatca	480
ccgtctatgg	gcgagtttac	tagagaggga	ttcttgaatg	gatggagggc	tgtcggatgt	540
gactccatcg	acaaaaatgg	tgcccacgct	gacaatctcc	gacgcgggat	ccccacgcag	600
ccggatctct	tccgtcgcgt	gtaccgctat	accttccctc	tctgccggat	gcaggggccag	660
cggaacctcc	agtttgagat	cgcagccgaa	caatggaaac	tattctttac	gccggacaag	720
ggcggagtcc	agtgggagac	ggagacgact	ccatggttgg	actgggtgat	cgaattcatg	780
gaggagcgcg	gaaagaaacc	cgtcaacaag	gatctgtggg	aacagggtta	ggtcttcatg	840
cggaagactc	ttgacgatga	gcggtttggg	tggtgg			876

<210> 5240

<211> 551

<212> DNA

<213> *Aspergillus oryzae*

<400> 5240

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cgacgaaatc	cactttccgt	aagaattgcg	ctgtctcgcc	ctttactcag	aataccagca	180
agctcaatac	gcctgcttca	tttccaagaa	cgaaaagcgc	aattccaaac	atcttcagaa	240
ggctgggcctc	aggctccgcg	gcagcgaatg	ctgttgagga	aggtgcttcc	aatgcaaaat	300
ccagcttttc	taaggtcagc	gataagacgg	cggcatactg	gttgcttggc	agtgcagcta	360
gcgtgttttg	catggtggtc	tttgggtggc	tcaccaggtt	gacagaatct	ggcctgagta	420
tcaccgaatg	gcagcccgtt	accggatctc	ttccccctat	gaacgcagaa	gactgggagt	480
ctgagttcgc	aaaagatcga	gcctctgccc	atttcaactg	tgggaaccgc	gcaaggaccc	540
ctttgggatt	a					551

<210> 5241

<211> 799

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 5241

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gggccgactg	taaagaaaat	cagctatggc	tttgcgctac	caggtctctt	gatgaccact	180
ctacttgtca	tccattttacc	agccaagtat	cttttcatcc	gtatcctgca	aggctcgagg	240
cacctgactg	cgaacacaac	tattcactgg	gccacctggc	tcggttgac	ttcgggtatc	300
gctattatcg	cctatatcat	tgccagtget	attcccgtgt	tcaacgacct	ggtgtccctg	360
gtcggtgccc	tccttggcac	tctcatgtcc	ttccaacct	tgggcttgca	tgtggttata	420
tgataactgg	agtaagggca	agatcagtaa	atcgcccaag	tggattttca	tggctctctg	480
gagcggcttt	gttattctgt	ccggcacctt	tttgatgggt	gggggcacgt	acggatcagt	540
tgtttccatc	atcgacagtt	ataaaaagtc	cgggtgggctc	ggcagcttgg	tcttgtgctg	600
ataactccaa	ttcgggtctaa	gctgaattac	cgaggaatgc	aaagccgatg	tctgtccagc	660
gatataagcc	acagcccggg	ggccggctgc	aacgaggggtg	tcagatggga	aaaatgtcag	720
tcaatagcta	cataaacgag	tgtgagggcg	ccatcctgag	tggtcagccc	acgtgcgnnc	780
gcggtaccaa	agtgaggcg					799

<210> 5242

<211> 776

<212> DNA

<213> *Aspergillus oryzae*

<400> 5242

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aggcacagat	caatcccaga	ttgatctcta	ttgatgcagc	gagaaagacc	ggccagccga	120
accaagtcac	gtcgtatgag	gcgatcatat	ttttataaac	atagactgtc	cgaacgggtgc	180
cggcaacatt	gaccacgatt	ccaaggctaa	aaatggacat	cacagcaatt	cgctgccggg	240
ccgggagttt	aagattccag	atcaacggca	tcgggatgac	cgtggatatg	aagtcggtaa	300
agatattgac	gacactagcg	gcgaatacaa	cggccccgtc	atttagacag	tgatgagggt	360
atgtaggctg	aaagtcccag	taggcatgaa	tcgggctgca	ttggaaaatg	catacaaaac	420
aaaagataat	acacagcagt	gccaccaaga	ccattgcccc	gatcaacact	atattgtatg	480
tggtatagag	gcccttgcta	ccggctccga	gtagtcgttt	gcaaaaccat	aatagcgaga	540
gcttcgtgat	gctggatgat	agggaaaaga	ggatttgaaa	gaggagggtg	aatttgagg	600
cagttggaag	ccattccaag	gggacgtccc	atatatgtcg	gttgcatcca	tgtcgttcag	660
tggctaagca	aatgtccacg	cacgtcgag	tcgtaaaagc	tagcgcgact	gctgtcacia	720
ggttgtccga	gcctggagct	gctctggcct	cgtaccgatt	cggagctagt	atatcc	776

<210> 5243

<211> 708

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 5243

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actttgcgac	agagctctgg	cggatacaaa	tccacaggaa	agacaccctt	gtggggcaaaa	180
tcgcatgatg	catatccatc	gtctgacaca	acccttattg	caccaatatc	caaatatgtc	240
ctcagtctaa	aacaacacga	gttcttggat	agagctcttc	tgggtcaacc	aagcaggaga	300
gcttgacagt	actttaatct	acaaggcgca	tacgcccga	gtcgggctgc	ccatccctca	360
cctgcgacct	ttgatgaagc	acatgtatga	tcaagaggct	gggcactttt	cgacgttcaa	420
tcaaatgggt	gcgaaacatc	aagttcggcc	aacggcaatg	tatccgatat	gggagggtggc	480
ggcaacattt	ctcggctggg	cgactgccgc	aatgcagcgc	gaagatggca	tggactagac	540
ataaggagcc	gagaccgaga	taggctctga	ctatagtga	caatatctgg	agacactgtc	600
atggtttgct	gaactggaac	gtaaggggca	agaacttnac	gatcatttga	aaggatttct	660
ggtgacgctc	tcgaggagac	acaatgaaga	attagagcct	ttggatct		708

<210> 5244

<211> 522

<212> DNA



<213> Aspergillus oryzae

<400> 5244

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agatgaatcg	atcgattaca	catccccctg	ggctggagcg	aatttctcgg	gcatatcggg	180
cagcgatgcc	aatgcgctgc	gctgggatca	atccggctac	tcgcccatga	tgagcttgat	240
tgatgctggg	gcggaagagg	cgaagtatct	gtgcaaaaac	gagtcaacag	agtattggga	300
tcaagcccca	tgcgaggata	agatcaacag	catgactgaa	tatctgcgcg	atataagggc	360
cgccaccgca	taaatctcca	tcataacaca	cgaacacagt	taccagtcaa	ttgtgctaac	420
cttgtgggct	taaaatgata	gcttgtcata	atacctccat	ccgatctccc	taaggggggt	480
gccttcggta	taagatcaat	acggcacact	caacgcgccc	gc		522

<210> 5245

<211> 649

<212> DNA

<213> Aspergillus oryzae

<400> 5245

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ggaagttgtc	aaggctctcc	ggaaatctcc	cgtccctgca	cctaacgccc	cggccggcac	120
tcccaatgga	gtcgtgatcc	ttgctgccga	catctcacc	atggatgttc	tttcgcatat	180
tccctgtcctc	tgtgaggacc	atggcattcc	ctacgttttc	gtcacatcac	gagctgagct	240
cggtaactct	gccgcaacaa	agcgtcccac	cagtgtcacc	atggttggtc	ccaagtcggc	300
cgcaaagggc	aagaagggtg	attcagcaga	tgatgaggac	tttagcagtg	tttacgatga	360
gctggtcaag	cttgttcaga	aggaggccaa	gaaggtgaac	ctttaaaaat	ctgagcgact	420
ttgaccttcg	ttacgtgttt	ttgttatatt	taattataag	gcttctttat	atctcttgct	480
gcttgctatg	gctgtacagt	ttcacctttg	atgtctggca	aaaacaacgc	atgtcttcog	540
ggtcctgcct	tttgacagtg	ttcattgggt	tgatccttta	tgatgtgtcc	cgtgccaaat	600
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<210> 5246

<211> 821

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(821)

<223> n = A,T,C or G

<400> 5246

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gaacttccac	ccaagacagt	acaacatcac	ccatcctctt	catctgcaca	cgcccagcag	180
atgtccccac	cgtctcaaaa	cagctagcgc	ccaccctcga	gtcattggat	ccgagtgtcc	240
gtcctaccgt	tgtgacaatg	tgtcctggaa	tcaccgtcag	ccagctccaa	gactggctac	300
cgacagggac	agcgattgtc	cgggtccatgc	ccaacacacc	cgttgaggtc	aggcaggggtg	360
ccaccgggtct	cttcgcatca	gaagatgcca	cggttcgcgt	caatcatgtc	aaaaccgttc	420
tggaggagggt	atctcccctc	gtcactattg	ttccggaaga	gtcgtatgta	gatgttgctg	480
cagctgtgtc	cggatctggt	cctgcgcatt	tcttcttcgt	catcgaatct	atggctcgctg	540
cagcagagtc	tatgggtctt	ccgagggagg	ctgctgagcc	ccntcgtatc	aatnnctgct	600
ggtgctgngt	atctggctag	tgcgtcgtcg	aagtccgtcg	ctgatttgctg	gaaagaagtc	660
tgtgttcctg	gnnggaagtac	cgaaggcgca	ttcgcatttg	gatcaaatgg	ngttcagaca	720
tttgtttaag	tggcgaatca	naagaagttg	gatgcgaatt	tgaaaatgca	gtttttgtag	780
cctttatggt	aaagtngata	gggatagcat	ttgatcctga	t		821

<210> 5247

<211> 464

<212> DNA

<213> *Aspergillus oryzae*

<400> 5247

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actgtcacca	tgtctctcaa	gaacgacgct	ttccctcct	ccgctgcttt	cgatgcgac	120
aacgccgctc	tccagagcga	cgctgctgag	cgcaaggagg	ctgtcgacaa	ggccaaggca	180
atcgctcgctt	tcaacctgaa	gaatgacaag	ggccaggaag	agagctggta	cctcgacctc	240
aaggagaagg	gtgagggtgg	caagggtgct	ccttcggggg	gtaaaaaggc	tgatgtgact	300
ctgtccctct	ccgactctga	cttcgcttcc	ctggtcagcg	gcaaggccaa	cgcccagaga	360
ctcttcatgg	gaggcaagct	caagatcaag	ggtaacatta	tgaaggcgac	caagatggag	420
cccgtcctga	agaaggccca	gggcaaggcc	aagctataga	tacc		464

<210> 5248

<211> 741

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 5248

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acaaggctct	agcatcgatc	cgacacgggg	tgtttgggtg	gcgattgggt	ttaaggaact	180
agcgccctat	tttgaagcgc	tgcacaagag	ttccctaagc	gttgacgaac	tagagtcctt	240
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caaattggatt	cgaaacaaat	tatggaattc	tcttgacagag	accggtatga	cgcatcgcct	360
ttacctccta	gatagcacia	acgtggggaga	ctggaggact	tgcatcacgg	agccgtccga	420
gctcctaacc	caggccttac	tcaaagacga	atctacgccg	gaccgaaat	cattctcaga	480
gtagcaaga	accatcctag	gcgcaaaaga	agctcggtcg	caaaagggtc	caggttcgcg	540
ggcgaaatgt	ttcacctgcc	acatttgccg	caaaacaatg	gtaaacgaag	aacagtggca	600
catccatctc	aatggacata	gccatanacg	agttctcaag	gctatggcca	aaagagcaga	660
acgtgaggaa	tctctacaag	ctcgaaaaga	aagtacgaga	aggatctctt	ngtgacatga	720
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<210> 5249

<211> 518

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(518)

<223> n = A,T,C or G

<400> 5249

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cgcaacaac	gccaggaatg	ggaggaagag	cggcataaaa	cgagtcgggt	atggggggtc	180
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atgacagtcc	tgcatagtgt	gcgcataaat	tactttatcg	cgaccgtgcg	atcacagtac	300
gagtttatgc	tacgatcagt	acggcaggcg	gaaatgatca	acgacttctt	tgatgttgcg	360
ttgcccgtag	gggggtgtgct	tttcacgccc	gtcatcgggc	ttttgctcga	ntaattcagt	420
gtgccggcta	cattggcaat	gatcgtgctc	ctgaccacga	gtactggcgc	cgtgaatctg	480
ttcccaccgg	tggacggctt	tttgaccgna	ttctctggt			518

<210> 5250

<211> 1241

<212> DNA  
 <213> *Aspergillus oryzae*

<400> 5250  
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 catcggagat aactggcgta ggcggtatca ccagctgggt ctgcatgacc ctgtatgggt 180  
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 gactggtcac tcgggtaaga aaaacctgcc tgaattcaag ggcggtgaga ctttccaggg 480  
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 caccgatata gggctcaagg gctgtacga ggagagtgc ccaccggttg aagatgccga 720  
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 ggtccaaaac cagaacgaca aggcgactct ggacggattg gagaaggcgg gcttcaaagt 840  
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 tcttcggcga cgaggtggcg gatcgcatcc agagtgggtg gggatataat ggaaaaagcg 1140  
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<210> 5251  
 <211> 596  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5251  
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 ggcttcaatt accctattat gaacatattt gagcgcggac tttgtgttct tcaatgccgt 180  
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 ttccagcatg tgaatgctgg cgaaatagtt gggaggatcc taaaaagccg tgaagcttat 420  
 gaagagagac agcggggcgaa gtttcacaaa ggtgtcattg aagatctgac gaatgcta 480  
 gaagactcaa tagattatgc aagcgactct ggtccacact accggacgat ctggatgtaa 540  
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<210> 5252  
 <211> 649  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 5252  
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 gtcggctcac atagttacgg tactttacgg gacctccgac ccaaccccac aggttataag 180  
 gggttcactg cgacgccgtt ctctatcgt cgttctcct acagcaccgg aaccaccatg 240  
 gcagccacta agatcgatgg cagcgacatg gccaagaata tccgggcggg tctgaagaat 300  
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gtgggcagca	gatcggattc	aagcacttat	gtgcgcatga	agttgaaggc	tgccgaagag	420
gcgggcatca	tctgcaagaa	tgtcaacctt	cgggagactg	ctatcgaatc	tgagctccct	480
caggatatcc	ccaaggccca	caatgacccc	ttcgtgcacg	gnattctcgt	tcaattgccc	540
tttcgcaaca	catgtgcgaa	cataccatna	cctctgtcgt	ggccgatgag	aaaaaatgtt	600
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<210> 5253

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 5253

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ctgcggaac	ttgggcggcg	ctatttctaaa	gagcttaatc	gatggcccca	aagataaaca	120
cggtagtgcc	ccgttcacac	ggttcatcgc	atgtgtcagg	agccaagaat	ccgagcagcg	180
cctgactaca	caattctccc	accagtcgca	aagcttgacg	gttacccgag	acaacatcaa	240
ggctgttcag	gagtcggatg	ttgtagtctt	gggcgtggac	cccgtgtcgc	tcgagaaggt	300
gctgtcaact	cccagcctta	cggaggcctt	atcgaacaag	ctcctcatca	gtgtcgctgc	360
tggctggacc	cggcagaagc	ttgagaccac	cctgtatggc	agtccaacca	caacgagcaa	420
cgccgaatgt	cgggcgtggg	tagtgcgtac	gctgcctaata	atcgctgcgt	cgggtctcaca	480
aggtctcacg	gccatcgaga	tatcatagcc	agaagtttcc	gaacactacc	agaagatcac	540
ggatgcggtc	tttgacaacc	ttgtgaaaga	cagtacacat	cccccccgac	tctgaaggat	600
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<210> 5254

<211> 1558

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1558)

<223> n = A,T,C or G

<400> 5254

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gctctgcttg	aaggataact	atgctgtttt	tgcccttgga	aagggcacaa	actgtctttg	180
cggtaaccaa	ttaccggcca	cgctcggttaa	gacggatgat	agcaactgca	atgtcaagtg	240
cgtctggatgg	cctgatgtga	tgtgcgggtg	taacaatgcg	ttttccgtgt	atctcacggg	300
tatcgaagat	gatgtggata	gctactcatc	ctcatcctca	tcctcctcga	gctcctcctc	360
tagcaccgag	agtggaaact	cgacaaccac	caatggaggg	actgtcgtta	ctacttctgg	420
tggacaaaca	gtgttcaaga	cgctcgaaag	cgaaatgaca	acacaggaag	ccgacgcaaa	480
gaaggagaaa	aattctggat	cgaatactgc	tgctattgcc	gctggcgttg	tcgttggagt	540
tgtttggtttc	tgtgcttttg	tgggagctat	cttctttcta	tggcggttta	ggaagcgttc	600
caacatgccc	gagcagtatc	gcaacaacaa	tatcgacagc	tttggcgcca	agcccatgtc	660
tcaaagctcc	atgtctgatt	ccaggtttga	cggtgacttc	atggcccagc	ggcgccagag	720
caatggcagc	atcgatgatg	atcaagactt	ctcccgtcga	attctgcagg	tgaccaatcc	780
cgatcgccgt	tactaaactc	aacattgaac	ctcccaaagt	gaccaagccc	ctagtgaatt	840
atcgaaaaca	gcctgggcca	ctagtccgac	tcgttatcct	gatatacata	aattagtttg	900
cgatttaacg	cctgactgcc	atacattcct	tcgatttcat	ttctgatttc	ccctctaccg	960
cgcttcattt	ggcgaccctg	cgatatcttg	gaggcatacc	tgtagataag	ttatgacgtt	1020
tcaactgtcta	ccgttggttg	caacatgttg	ttcgagtctg	gaactgcaac	gcatccctac	1080
ttccataatc	cagcaacgcc	ccgtgacgtg	ttcggggagt	caaggacgat	atcatcatcg	1140
cggcctgcag	agaatgctgt	gtctgcttgg	aaggaatcgg	cccggacttg	gccttacgaa	1200
tgtgtggaca	gtcacgagat	accaggagg	gtccgaagtt	tagttctggg	tttagactgc	1260
ggtacgtcga	ccagagaact	tgtattttga	aaaggcgttc	tgcggtgaag	tgttcttgaa	1320
ttttccttat	gaacatatct	gcgttcctcc	atacctttct	gttcttgcgc	tggggataat	1380
cggccctggg	ttactttctt	ttgctcggat	gttttctatt	tatttgcgat	ttactgaact	1440
tcccttggcc	atcatctccc	taatgttggt	gggtatgcttg	gggaactgta	agtaagatga	1500

tggtgagcc tgtagttaat gcgaagaatg aatggatacc actcnttggt gaaaaaaa

1558

<210> 5255

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 5255

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atgcagggac	gccatgctga	ggctcgcgat	gtcactgctc	gacttggtgg	caaggtagaa	180
gaccaccag	atgtagagga	agaactacgc	agcattaacg	aagcattgga	agtacagagt	240
cgtggcgagg	gcttcaagta	ccgtgaactg	ctcaccaacg	ggccgtcaca	gaaccttcgc	300
cgctctactt	tggccatggg	ctctcaattt	ttccaacaaa	tgtgcgggat	aaatctcgtg	360
acttactacg	caactgcat	ctttgagaac	tctctcggat	tcgggtocaga	aatggcacgt	420
ctacttgctg	cctgtaatgg	aactgagtac	ttcatggcgt	caatcatagc	gcttgacttc	480
atttgacggg	accngtcggc	cgaagctgat	gataaatcgt	gccttttgga	tgatggtctc	540
gatggcattt	ctagcttgca	ctgtattcac	ggncgaaata	ntggaanatg	gagcacctaa	600
gctggagaca	caatatggtg	tcacggggac	tggngttcta	ttgntttca	attccttctt	660
cgccattggc	ttgctcggaa					680

<210> 5256

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 5256

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aggggtttca	ggtcggggag	aagaagacaa	tcaatgagta	caatgagctt	gccaacctgc	180
ctcgtggcat	cgccccctac	cgttatgcaa	gaacgggagc	tatggaactc	caaaactcca	240
ttccagctgc	cccccgagct	agtgtgacgg	tttgctttct	tccaccatgc	acgcatatat	300
cccgtagccc	gggtgctaaac	tttgaacctc	atcagataaa	aatgacgaat	ccctaaaccg	360
ctggaaggcc	tctctaggcc	ttgcaaccgg	tgcaacaatt	ggagacccca	gcgatcccag	420
gaagtgcac	atcaagtctc	tagccctgga	ggttgaggga	cgccccgatg	tggtcatcga	480
cgtgtccgca	cccggtgcag	ttgatactct	caaggacaag	ccattcacca	tcaaagaggg	540
tgcccacttc	cggatcaagg	tcgtcttcca	ggtgcaccat	gaagtccctga	gcgggtctga	600
atacctgcag	ggtcgtaaga	ggaaagggtg	tagagttagn	caggacgang	agatgcttgg	660
cagctatgcc	cccacaccac	cgg				683

<210> 5257

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<400> 5257

cacatgacaa	tccacttctg	ctgcaactac	tcttttcgag	gactctccaa	cttcctcccc	60
accattattc	aagaaatggg	ctatacgtct	gtcaacgcac	agggactctc	ggcgcttcca	120
tacttcgcgt	cattcctcct	ctgcatcgta	gctgctctta	tatccgatcg	atggggacat	180
agaggattag	tgatcacccg	atctgcggta	gtcggaatgg	tagggtagct	cattctcgcc	240

gcggtggagg	acgagcacia	aaccgggggtg	agatattttg	gagtgtggct	ggcgacctgc	300
ggagtgtttc	ctgcgttgtc	gattaatatc	acctggctgt	tgaataatca	gggaggggat	360
tccaagaagg	gcgctgggat	ggctatatattg	gcggttttcg	gtcagtgtct	aagttttgtg	420
agtagttcgg	cttttccgga	ttctgaaggg	cctttttatg	tcagaggggtg	cgccattggg	480
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gagaataggc	gacgtgatcg	aatgtatggg	acgggtggatc	cagatgtccg	ggtagatggt	600
acaagggagg	ggagacatca	ccccagttt	cggtacttga	cttagaatat	gtagtctgac	660
agttatacca	tacacatatc	gatgtg				686

<210> 5258

<211> 705

<212> DNA

<213> *Aspergillus oryzae*

<400> 5258

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gcaggagggg	atgagatctt	gaggcacacc	agtcacaccg	aattatattg	actggaacct	120
cggcttgtct	agactgaagt	gtacaattga	aacttttttt	cacctccgct	ctgggaagaa	180
aaacgttttc	ttcgatcaaa	gccatttcaa	ttcaccatgg	ctcctgctaa	gacagacacc	240
aattgggtctg	tcaattatga	tgtgctcaga	cgggagcatc	ttttcaagaa	ccctcccaag	300
gatcgtacag	cttatcctgc	actagcagcc	tccatcaagc	cgacagttga	ttccttcaat	360
gcgctcttcg	aggacagcaa	gattttgcag	gcaggattga	aagatatcgg	taccaagaca	420
ttcatagacg	gcgaagcaga	aactcctgag	cagaagaagg	ccagacaggc	agagggctga	480
aaagcaccaa	agcggaaaca	actccatggt	cgatttaaag	aagttttcct	cgagaagcct	540
gccatccccc	cgacgaacaa	tttcacactc	gtaaccgcaa	tatttaccaca	tctgaatgta	600
gagagaggca	tgcgacatac	cgtggcaagc	tgcccgttaa	gatcgaatat	cggtgaaaca	660
atggagactg	gatggaggcc	gtccaaaaat	tgggccaggt	cccct		705

<210> 5259

<211> 717

<212> DNA

<213> *Aspergillus oryzae*

<400> 5259

cagaacctaa	cgaaaccctt	tccccgttca	tccgccaaat	acagtcaata	tgggtaaggt	60
ccacggatcc	ctcgtctcgtg	ccggtaaggt	caaggccgcc	actcccaagg	tcgacaagca	120
ggagaagccc	aagactccta	agggccgtgc	ccgcaagagg	atcgtctaca	cccgtcgttt	180
cgtcaacgtc	accatgaccg	gtggcaagcg	caagatgaac	gccaacccca	gctcgttaaag	240
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aaggggaggc	gagaatgtga	tgcataattg	cgttgaggcc	atacgtggca	tttgaacagg	360
tctctttttt	gcttctgata	ttgcgaaacg	ggttcaaaga	gtcggtttag	gatgaataat	420
gttcagttat	cgaacttgac	atatgggcga	atacaatcac	atattcggct	tctcaaagat	480
ctactgagac	aacacgaact	tgtttttattg	tacacttggt	ttccggacaa	cctccacaat	540
ttcccaactg	ggtggaggac	cactctggcg	gttcaactcc	actatgacac	aagaaggggg	600
tgagaaagac	ttgccatccc	gggaactccc	cgttctcgaa	tatacccccac	ccatcttttc	660
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<210> 5260

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(669)

<223> n = A,T,C or G

<400> 5260

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gcaggccatc	tacggcgagg	agatgaccca	ggccttctcc	ggtggtctgg	tctacgaata	180
cacccaggag	gccaacaact	acggtctcgt	caagatcaac	gacagcgaca	ccgccacttt	240
gctcgtcgac	tatgacaacc	tgcagaagca	gtacgccaa	ctcgacatgg	accgcatcca	300
ggcctccaac	tgcacccaga	cttcctttac	ggccccaa	tgcagctctg	acctgatcaa	360
gaacggtacc	ttcctgagca	agttcgacct	gccctcccg	ccctccaagg	tccaggacat	420
gategacaat	ggtctgtcca	aggccaacac	cggtaagctg	gtcgatgtct	cgacgaccgc	480
tatccctcag	aagatctacg	accacactgg	taaggaggtc	accggcgctc	agctgaaggc	540
cccttccagc	ggtgagtcca	acacccccgg	caacagcacc	tccggaagct	ccagctccgg	600
ctccagcagt	gactccgaca	acaccaagga	caacgcagcc	ggcaagatga	ccgcttnctt	660
catgggtct						669

<210> 5261

<211> 1184

<212> DNA

<213> *Aspergillus oryzae*

<400> 5261

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cccgcatacg	togttccagg	agaagggtgac	acggtaggca	tttctgtggt	tgggtccggcc	180
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ttcgcttaca	tatggacaat	gggcagtgtt	ttcagtttca	gcaccgcttg	ttagtgcctt	420
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cgctcctaca	aagccgccaa	tctcatccaa	gccagttttc	acaccatcgc	ggaccgatgg	840
tatcagctcg	aatgccacac	cagctgctcc	ccagaaacct	ctccagaaag	atacggacaa	900
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accagtgggc	aaagtagaca	ttgctgccat	aaggaggcaa	gcacgtgagg	caggcgaaat	1140
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<210> 5262

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 5262

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atcgctctaa	cctatcta	gcgtatgtgt	cgggcattga	agaagagctc	aacttccaaa	540
gaaaccaatt	aaatgttatc	aatacgggtt	ttactgtcgg	ctatatcctt	cggcaaatac	600
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<210> 5263  
 <211> 714  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(714)  
 <223> n = A,T,C or G

<400> 5263  
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 tgtggacgag gttaggggtct gggcgactat ccaaggtagt cagtggccct tttttttccg 300  
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 cttctctctc tgggggaggg atcactttgt cctcggcggc acccttcagg gtgggaagct 420  
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 gcggtggagc gagacgaatg atattctcgt ggggtggctt ggctggggg acgagattag 540  
 caccatttac atgaatagct gggacattcg aagtacttac caacagaccc ttctccttca 600  
 tcaacataca gaggtcccat gcagagtgtc cattggtctt cgactcgtca atgacaatgg 660  
 cattgagcag acccttgcca cggacgggtc gaatcatcgg gctgntgatg gcct 714

<210> 5264  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

<400> 5264  
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 gtccatttat tccgtgtccc agcgcttttt taaaactgcg caaaaatgaa tcctcacata 120  
 tcggttcgcg gccaacatgc cagtcctgtc aattttggcg gcacgacacc agcaagccgt 180  
 ggatctagca tccggatgcc gcgtttcttc aaaaggatgt tcaagtttcc acagatggac 240  
 tttgaaatgg ctatatggga gatgacatca ctgctgatcg ctcccaagaa agttttcaaa 300  
 tctatctact accataaaca aactaagaat acctggcatc ggctgaccc ctctttcacg 360  
 tatctacttt gcttcttctt gctcctcaca gctcttgctg ggggtctagc atatgcgct 420  
 tctttcggag ctattgtcog cttgtctcta cttttcatct ttgtccattt catcgatca 480  
 tcattgctgg tgctcgacaat agggctactt gtcacggcc gacttttcgg tccagatgga 540  
 gcggcagcct ccctctctgg gttgcgaggg ggacgtggac ggagacgtgg tgcagcacia 600  
 ggcttgttcg tgcaaccagg cgaanaggat caattagaat ttggatattg ctttgatgtc 660  
 tctaaccgg 669

<210> 5265  
 <211> 688  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5265  
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 cttttcatgt ctgacaaagg gcgacgtctt cacatttgcc tacaatgatc aagtctatga 120  
 gatggcgggt ttggaaaacta agccagccac caattcgaat gccatttcog tcctcgaaac 180  
 agacctggaa gtcgactttg cccctctgtg aggatacgag gagccgcaac gcccaagtgg 240  
 taccagtact ccccgcatg gtgtgagcgc aacgaagctt ccggctggcg gggttacttca 300



tccccatgga	accatggctc	aatcaattaa	ctatgccgcc	attgcccctg	agtctactga	360
cgccgccgcg	ggggcaaaag	cggtgtcgtc	aaacttcctt	atcggtggac	agcgtctgaa	420
tgcgaaaaag	ggaagtaagg	ctccaactcc	aaaggcctca	acaccaacac	ccggagccac	480
aaacctcaca	cacctctctc	ctgtcaggcg	gaccaacggg	ccaatgccgc	tccggctccc	540
gcctaatacg	ttattctttg	gatatgcaat	caagcccgtg	cagaagcgtg	acgaaagcgg	600
ccaggttgtc	gaggacgaga	agccccgttt	tcagggaagt	ggtcaaacgt	taagaaggaa	660
aaagaaggat	accggaggct	ctgcaacg				688

<210> 5266

<211> 689

<212> DNA

<213> Aspergillus oryzae

<400> 5266

ctgccattga	cttagctggt	tcagaggatt	ttcgtcgaac	agacaatgac	aaagagcgca	60
tggttgagtc	agcgagtatt	aacaagagcc	tttttgttct	ggcacagtgt	gtggaagcca	120
taagcaagaa	acaccataga	atcccgtaca	gagagtcaaa	gatgacaaga	atcctttcct	180
tgggacagaa	caatggactg	acggtgatga	ttctcaacct	cgcacccatc	aaatcttatc	240
acctggacac	cttaagctcg	ttgaactttg	ccaaccgcac	aaagaagatt	gaggttcgtg	300
aggtggagaa	cgagccgatg	ttcaaagggc	ctccgagacc	agcagcgcg	ccttcagtga	360
ctgccctaag	gcagcctctg	cgtccactga	ccgctactgc	caatgtcaac	cttcagcac	420
ttgccaacaa	agacaaagat	gcgtcaaaa	ctggagaaaa	gccagtcaag	gcgttccacg	480
tctactctga	caaaccgcgg	tctagggatt	cttaccaatt	caaaaaacct	gagccacca	540
agcgtccttc	cctagattct	aatcacccgt	tgttaaagct	cagccgaatc	acgcagcccc	600
ttcagtcaca	aaagcagtat	gaagatatat	ctgccgccaa	aattgaaaaa	tgggtggaaag	660
aaggtaaaga	gaatttggct	gaagaactg				689

<210> 5267

<211> 671

<212> DNA

<213> Aspergillus oryzae

<400> 5267

cgcagaacta	ttacaacgcc	tttccgcacc	tgtcactctt	ttcccaaat	caacatagaa	60
agattggatt	ctctcaatga	gtccgaatac	gcggccggaa	tgagccatga	cgctactccc	120
accgcagtct	ccgctgcacc	accagacctc	cgctacatcc	gctatgacgg	cgcacgcgaa	180
gacgaatatg	tcgctgctat	gcggcaacta	atctccaagg	acctctctga	gccgtacagc	240
atctacgtct	accggtatct	cctctacca	tggggcgatc	tctgtttcat	ggccatggat	300
gacacactgc	cggaccgat	ggtcgggggt	gtagtctcga	agctggaacc	acatcgcggc	360
ggcccatata	gaggttatat	tgcaatgttg	gcggtgcgag	aaaagcattg	aagtcgcggg	420
attgccacca	aattggtcca	aaaggcaaat	gatgccaaaa	tttggcctga	agccgaacaa	480
aaccgctcca	aaacccaaat	tccaaaacgg	ccccctttaa	ttgttttaac	cacgtgggggt	540
cctcacccga	aaagaaatgg	ctttatctta	ttgaaaggg	aaccggccat	tcgttggggg	600
ctaccccaaa	gggagggggg	ggggcctatg	cggagggggt	aaacacaata	gggccccttt	660
aattgtttgg	g					671

<210> 5268

<211> 695

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5268

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ggtgtcaggt	ttttcgggtg	attcnagttt	tggctgtcgt	ccttcaaggt	gatagtcac	120
ctaggttaata	tcttgctatc	ctttatctta	atgctgggag	gtggtcacct	tctcgaccat	180

ataagattct	gttactagaa	gagtcttgaa	gcattaatat	tatatattag	cgaaggatat	240
tttagtagca	tttttttgat	ttgttatatt	atagattctg	atztatgtac	atgtcagatt	300
acgagtcatt	atatcattat	acttctgctt	tgctacgtgt	cacgatttta	ttataaatatc	360
attgggtcct	taattcaata	ttatactgta	caataatata	ttgatatcta	tttttctatc	420
ttttttcaat	aattttacta	agagatcttc	attatgttat	gtctacttgt	ttattttgac	480
gatcttattt	ttattttatg	ctattgattt	tttcataata	tcctagaatt	tataaaatact	540
taatttcctt	gccatcttct	tttacttaac	atttaaacta	ttattattac	tattaacgat	600
cattattaca	tttcatttat	ctgttatgtt	gatcatctca	tcatcattta	gtaggtgtac	660
tctattttata	tcattaatat	agctatataa	tttcg			695

<210> 5269

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(642)

<223> n = A,T,C or G

<400> 5269						
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ccctccaact	ccccctccgc	gacattgggt	ggcattggca	ttgagaccga	tgtaacgcat	120
cgcgttgctg	ctgcctttgc	tcttccagcc	cacccccgcc	cccaagggaa	tcagaccatc	180
ccattgctgg	aattcgcaat	tcaccaccga	gatcttcgac	cgttcacgag	acacgaaatt	240
aacgaagtgt	accttttatc	tacccatccg	atccggccgg	tttgcgtaga	ttgaatcgtc	300
gcatcatact	ctttgggtgga	aatttaggag	gtacgatacg	acagacagag	atttgtgttg	360
aagaggtcga	ttgaacctag	catcgcatcg	tcccgatctg	ctcgaggcgc	tacatctgat	420
cgaataactt	cagtggattg	agggggaact	acaattgctg	tttcaatgcg	gccacaacgg	480
gaatatcata	ttgtcgtgct	cggagctggt	ggagtgggaa	agagttgtct	tactgctcaa	540
tttgtccaaa	atgtgtggat	tgagagctat	gacccgacga	tcgaagattc	atatcgcaaa	600
cagatcgagg	tagacgggcg	acaatgcatt	ttggaaatnc	tg		642

<210> 5270

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 5270						
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gctgtttctg	tcccttcgtg	cagcgtgtat	ggatagcctt	ggaggccaag	ggcattccgt	120
atcagtatat	cgaggtagac	ccctacaaaa	agcctcagtc	cctattggag	gtgaacccaa	180
ggggccttgt	ccctgccctg	cggcacggag	attgggggtc	acatgaaagt	actgttttgc	240
tagaatatct	tgaagacttg	aacaccgggc	cgctctgct	ccctccaggg	gatgcgaaat	300
tgcgagccta	ttgccgactc	tgggcagact	ttatcaaccg	caacatagtg	cccaacttct	360
accgtgtcct	tcaggaacag	gatgagcaga	agcagatttc	aaatgcgcaa	gaacttaagg	420
atgcattcgc	tacgctagtg	aatgccgcgc	actcacaagg	cccattcttc	ctgggagcta	480
atatatcatt	tgtggatgtc	caggtggctc	cctggatcat	ccgattgagc	cgcgtnctga	540
agccctaccg	cgttgggcgc	gaccccgacg	canggagccg	atggggcgcc	tgggttaacg	600
cgatcgaagc	taatgagcac	gtcaaagcga	caagtgcaga	tgaactctat	attgacagtt	660
ttaacgatat	gcccaaan					678

<210> 5271

<211> 800

<212> DNA

<213> *Aspergillus oryzae*

<400> 5271

gaaaagaaac	ccggacggac	cgcgaaaggt	tggtcagat	gcgatcgggg	cggaactat	60
cgtccgcgca	acggcctcac	cgaggagacg	aggaaacggc	ggcgaacgct	gcggttgatg	120
gactgtccat	tcatgctagt	cgcagctgga	actcctggca	tctggacgct	gaccgttcta	180
aacccgacac	ataatcatgg	cccagttgtc	gaaaaacccc	ggcaagctcc	tcatcacaag	240
gttcggaagg	gccaaagtgc	ggcggcaccg	tatgattggc	cgcatgacgc	gactttaaca	300
ccatatacga	ctgcattagt	gcttatcgat	atgcaaaagg	atttctgctc	gccaggggggt	360
tacatggaat	atcaaggcta	tgatatatca	gctgcccata	cacttattcc	taagctacaa	420
catctcctga	atgcgttccg	agcgtctggg	tttccagctc	atcatacacg	tgaaggtcac	480
cgacccgatc	tctcaactct	ctcaagtaga	gaggcgtacc	ggtcacgaaa	taacgcttcc	540
gggcttgagg	ttgggtcccc	gggtccattg	ggcgtctctc	taatccgggg	tgagggtggc	600
cacgacaccg	ttgatgaact	gtatccgatt	cacggggagc	cagtcacgca	taagcctggg	660
cgtggggcat	ttgctcacac	tgacttcgag	cttcttctcc	ggaataaagg	catcaagaac	720
ctggtgattg	caggagtaac	taccgatgtc	tctgtggtca	ctactattcc	tgaaagcaaa	780
cgacccaggg	gtcgactgct					800

<210> 5272

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5272

gaagttcggt	ctatttttcag	tcaaggattc	ccaggccatt	gaaatagcat	tccagaacat	60
agccgctggt	gaggggtgaa	aagacgaaaa	taaacctaac	gagggcattg	gcgaggccca	120
ggaactcaca	aaggtacctg	tcaatgagga	ctatctcttc	gatgtggatg	tagagcgaag	180
ggagctcagt	ccagcatatt	ggataggccc	cgtatacga	gttcgtcgtg	ggacatgggt	240
tgtccaggac	ggctccacga	ttaaaccatg	tgaagagaac	ctcgccaccc	aacttgagga	300
gggctatcta	aaagttaaac	cgtggcgctt	tgaagaagtt	gaagagccca	gcacgttgcg	360
cgatcgta	gaaaatgccg	ggcatatgac	ccacgtacct	gcaaattctc	tctacacct	420
tgcctggtt	ggcgccctata	tgaatagctt	ggtgacatac	caggattcgt	cgacagcatt	480
actgacaaat	gatgacttca	tgtcccgtgt	gagcaccacg	gtataccaaa	agctgggtgg	540
ggtgccaggt	acacgaatag	tacgcggttt	ctctgagaca	aaaagacaga	aggaaagccc	600
tgattctaga	aaccccaacc	gaagaatcaa	acaggggctca	tctctactcc	cgaagcacgc	660
cattcagaat	a					671

<210> 5273

<211> 616

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 5273

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tttgacgcta	tctactcagg	tcgcactaac	gtcgacgagc	ttattcagaa	gaacgacccc	120
atcataggct	ggaccgcgcg	cgatgtctac	tcgaagctcc	ggcccagcga	cgaggaggcc	180
aaggctcttg	ggtccgcggt	tgagagcgcc	tggaaccgcg	actacaagac	taacccaacg	240
aagccgcttt	ctatgatcac	gtcgtcfaat	ggcttccccg	gggactccac	cggccagcct	300
gaagtccagt	acttctcctg	ctccaccttc	accccgctac	cctactcccg	tggccacctc	360
cacatcacct	ccaaggacct	tgatgcgctn	ctcgactttg	ccacgggctt	tttcgccgac	420
gaggatgaca	tcgacatcaa	aaagtccgtg	tggtcctaca	agaagcagcg	cgagatcatc	480
cgcgcgatgg	acatctaccg	cggcgagttt	gccccgctac	acccggcttt	cgcgcgagac	540
tcggagcccg	ccaccccctc	ggagcccctt	gacggggctc	tcnccgacga	tgtgcccgac	600
attgtgttca	cggctg					616

<210> 5274  
 <211> 654  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(654)  
 <223> n = A,T,C or G

<400> 5274  
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 gcaggttgat cgagttctag atgccttttc catacgatgg tgcgagtgca atcctaacca 120  
 tgggtttaag gcttcagatg ttgtgcacac tatatgctac tctcttcttc tattaataac 180  
 cgaccttcac cttgcgagata ttgaacaaaa gatgaccaag ggccaatttg ttcggaacac 240  
 aatgccacc atacatcggtg tggccttcga cgcagccccg gatgggtttg aagcactcca 300  
 tgtagctcac gataaatcga aagtgtcggc ccgggaatct ctgacgtctc atatggatga 360  
 gtccgatcgc gggaacatgg tcgctgataa gcccgcaa atgcgcagcaa agctcgtgaa 420  
 tcgactttct cgaactgatc tctccgttaa actgtcaggt gatcctgaaa ccaacacagg 480  
 cccgttggtg aatgtgccat tcaatggaac cgataaggcc tggggccagc aagttgaaac 540  
 cgttcttaag gacttctata cttcgattca naagcagaga ctcccacttt atggtgctca 600  
 agcagagaag gaggcgcttc gagcttcacg gaaccattta ttgtccccta atcg 654

<210> 5275  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 5275  
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 atatccctaa ctcagtttcc ctcactctca atatgcccggt cgttgccagg cctcctcagg 120  
 cccacggccc ctctaccttc gacaagatga agatgggtgc tatgatggga tcaaccgtcg 180  
 gcggtatcat gggttctatc atcggaactg tcaccatctt ccagtaagggt gccggaccca 240  
 acggtgttat gcggaccttg ggtaaatata tgcttggttc tggcgcgact tttggtctct 300  
 tcatgtccat tggcagcgtc atccgtaccg aaggacctca caacgatgcc tggctccgag 360  
 ctcggggacc cccgatgatg cttcctcgtc aaagccctct gcggcccatg cgtcagtagc 420  
 tgcgcagtca ccgacttgta gcggaatggt gggaatgtga aacttcccac gggttatctg 480  
 tacaatagta tttatcctga cgaacaatct gtatggccga cggggcacag gcggtcgaca 540  
 gttaatgcag gagaggggat gaaaggaagc agggatgatc tctgcataat gtacatacag 600  
 tctgggcatt gggacggact tgagacattt tttgcccggt gacaggatgt cttttgggtt 660  
 acaacaaagc taaccgggta atgn 684

<210> 5276  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5276  
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 atggtcgacc gtatcaccac tcagacatcc gccaccgata aaacggcact cgcagacaac 120  
 tttgccatcg aggactcgtg gcccgctcgtc acagagccct ttatgcagtg ggtaattgag 180  
 gatcagttct ccgatggccg cccaccattc gagaagggtg gtgcccagggt ggtcaaatat 240  
 gtccacgagg tgatggagaa cccactgttc agcaagtttg tgtggcaaat gatgcaggac 300  
 gaggtgaagc cgttggtgac cgagatcccg ggcgtcaaca ttgatgagta ttgcaagacg 360  
 ctcacgcagc gcttctccaa cccaccatc atggaccaac tgccccgcat ctgcctcaac 420

gcttcgggca	agatcccaca	atztatcatg	ccttcgattg	ctgaggcgat	ctgggttact	480
ggcccattcc	gccgcctgtg	tttcgttgcg	gctgcctggg	tccattacat	taacggcgtc	540
gacgacagcg	gcaagaagtt	cgaagtcgac	gacccgatgc	gcgaggagcc	tccaggccaa	600
gctcgcgcaa	gaagcaccaa	ccccggccga	gcttctcaac	ataagaagcc	tggtcgtgac	660
gacctgggcg	gcgaccagag	gtct				684

<210> 5277  
 <211> 707  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 5277						
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ccctgtcatc	ttcaaggccc	tcacctcttc	cggccccgtc	gtcgttgact	tcttcgctac	120
ctgggtgcgg	ccctgcaagg	ccgtcgcgcc	cgtcgtcgga	aagcttagtg	aaacctacga	180
gaacgtacgc	ttcattcagg	tggacgtcga	taagaaccgt	caggtcgcac	aagatatgaa	240
agtgagggct	atgccgacgt	tcattgtgtt	caaggatggc	aagccccatg	gagagccgat	300
tgtggggcga	aacatgaagg	ccctggagga	tagaatcaaa	gaagttgctt	agatattgca	360
ttgagagatg	ggatcacaa	agcgttgacg	gataagcgca	tattgtgccc	caggaaatcg	420
caatgattac	gaacagttga	tacaccaatg	taccgtatag	actccggtgc	cattgagatt	480
ngcaaagata	cccgttcggg	catgttcggc	ctgcacgtta	ctccgtcgta	actggcctgt	540
ttatgtaccg	ccatttcctc	cgcgtctgta	ctatacggct	ctttcattaa	tatttccttg	600
gactggtacc	ataaaacccat	taaggttgga	aaacagggtt	tcccgtccgc	tatgccgtgg	660
gcatacgga	aatgtccccc	caaggagacc	cctgatttta	aatgaat		707

<210> 5278  
 <211> 975  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5278						
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actcgaggaa	actattaccc	ggataagagc	atggcaactg	ccgcgaaccc	cccgtgttac	180
ctacatgtga	cgagtacgaa	caaagaaggc	ctggaaaagg	ccgtggattt	gatcaacgag	240
ctcatgaaga	aggaactccc	caacctgggtc	gatgagcgcc	gattccgtcg	acgtgagccg	300
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tatgtaaagc	atattcaaca	gagaactcga	tgcaagggtt	aaatcaaagg	tcgaggctcc	480
ggcttcatgg	aacccagtac	cggcagagaa	agcgaggagc	caatgttctt	gcatgttgct	540
ggacccgatc	ccaacgatgt	taagagcgcc	aaagagctgt	gcgaggacct	tttgcccaat	600
gttcgagaac	agtatcagcg	cttcaaggag	aacccgcccc	agcacaacta	tggcggatat	660
ggccagcggtg	gagaccgtta	tcagggaggg	ggctatggtg	gaggctacgg	tggaggtaat	720
gggggtggca	gtggcaatgg	cagtgggtgg	tatgggaatc	attcgacca	gaactcgccc	780
tccacgtctg	gtagcccagc	cgcgcaaggc	gccacagggt	catcgggagg	acagaacctta	840
tccgactata	gcgcacagta	tgcacagtac	tacggatccg	atccctacgg	ctgctacagt	900
ggatatcaaa	actacgtcgg	ctactaccaa	tactatcagc	aatacgccca	gcagcaacaa	960
gagcagttac	aagcg					975

<210> 5279  
 <211> 659  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(659)  
 <223> n = A,T,C or G

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gcgatgtgaa ggaacgtgct gaagagttga ccatcgttca cttcaagacc aagggtatcc      120
gtcaacagaa ctcgaaattt ggcaaggaca agttggaaaa ggagaataag ttttcccctc      180
ggcaaaaaga tcccgcagtc gttgaaaatc cccccctcc ttattctgct gcaacaagcg      240
gcagctttgt tgcggcagct aaatcgaaag cgaagccagc tcctccgccc ccaaagccga      300
agccggccag attcgtgca ccagtggaaa cggtcacagc actgtatgat tatgaggcgc      360
aagcacatgg ggatctcagt ttcttggcgg gagatgtcat tgaaattggg caacggacag      420
acaaccagaa cgaatggtgg actggtcgcg tccatggacg ggaaagacaa gttcctgcaa      480
actacctnca attaatattt tcgattctcc tttcgcgcta tatggcgaat tttatcttgg      540
tctttgcaat ggtcgtttga tgaaccaaga gtcttgctg gaacactttt ctcccaggtt      600
ggaattttta cctctttcta tagcgctggg gtttgGCCca ccttcttgta tattatttt      659
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<210> 5280  
 <211> 685  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

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<400> 5280
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ggaggccctca atgctgagca cgacctgcgg gtggacggtc agcgtatggc gaccttccag      180
aataaacaca tgaactgggg ctacaagacc accccgcaag agcactgtaa caaccgcgag      240
attgattact cccgtggacg gggcatggga ggctccagt ccatcaactt tgggtgtatac      300
actgtaggcg cccgcgatga ctacgaagag tgggcacgag tggtaggtga tgatgccttc      360
cgctgggagc aaatccagcc cagggttcaaa gcctcgcaga ccttccacgg tgatcttccc      420
gCGggcgttg atccgaagta cgcagctccc cgagctgaag accacggaag ctctggcagc      480
ctgcacgtcg gtttcgcctc agaatgggag aaagatttac cgcccctttt ggatgtcttt      540
gagcaggaag ggttccccctt caatgcggac cacaactcan ggcaatccat tgggatggct      600
ggtctgatta aactctgcta caaaggggtt cgtccacagg ccgcggacct attgaaacct      660
gagcccagag aactttgcta tggtn                                     685
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<210> 5281  
 <211> 695  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5281
ctctttgcgt ttcgataata ttgataccta tctttctatg tcccgggtccc tggacctgac      60
cgtcctggga ctgaatagcg gtacttcgat ggatggaatc gactgtgctc tgtgtcattt      120
ccaacaagaa acaccagagt caccatgag gttcgagctt ctcaagtatg gtgaaatccc      180
cctagagcaa acaatcaagc aacgggttat gaatatgata ctccataata aaacctctcc      240
ctctgagcta tcggagggtga atgtcatcct cggtgaaaca tttgcagcgg ctgtcaagga      300
gttctgtgca caatacaatg ttgatattct gtctattgac gtcattgggt cccacggaca      360
gacaatctgg cttctgtcta tgcctgaaga gggagaggtc cgcagtgtct ttaccatggc      420
tgagggtcct ttcatgtcct cccgcacggg aatcactacc gtgaccgatt tccgagtcaa      480
gtgaccaagc agcgggcccgc cagggagcac cgctcattgc cttcttcgat gccttgatcc      540
tgaccacccc acaaagtggc gcgcttgcaa aatattgggt gattgcgaat gtctgtttat      600
tccgccgaat ccttaggggt gttaatgcct gctacaactt caatcaggcc cgggcaatgt      660
ttttatcgac cttgtggccg ggcataccac aaccg                                     695
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<210> 5282  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5282  
 cgaggggcac agtcgcgcaa ctggaacctt tcatccccaa catcatgccg acccttatca 60  
 agcagcttga tctggacatg attaaagatg atgacgtca cacgggcttc agtgtgttga 120  
 acaacgcctg ctggctcctg ggagaaattg cagtcaacga aaaggcggcc ctatcaccct 180  
 acgccgacaa gctgtaccag ggcttatatg tcatcatcaa caacgaggag atcattgact 240  
 ccgtaaataa aaatgctgca atggccttgg gaaggttggg aatgtgctgc tcggatcagc 300  
 ttgcccctcg ccttggtgag tacgcgggcg cgttcttgaa atctatgaat aagattgaat 360  
 tcacacggga gaaggcttcc gccttctcgg gtttcaacca agtggtcacg aagaaccgcg 420  
 aggccatgga agccagcctt gcggattact tccaggcgat cgctgccttc cctaccaagt 480  
 ctctccacca ggatgattac cgtgatattc agagctcatt ccagcagggt ctgcaaggct 540  
 ataaaaattt gatacccaac ttcgattcgt tccacacca gcttcgggt caggttactc 600  
 agaaacttct gtctgtatac caaatctaga ttttgcggc actgctagtg ttcaacgagg 660  
 gct 663

<210> 5283  
 <211> 868  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5283  
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 tccaaactac cgttctcaaa gcggcggtta aggcgcgca ttgttatctc atacattctt 120  
 gactatgtga ttcttgcgc atgtatcgcc ggcttttaca tctcgcactc tatcgagccg 180  
 tatcatcagc atttctcctt gaacaatatt tcccttatgt acccttacgc tgtccatgag 240  
 cgcgtgtcca tccactcgc cctttgtatc tccgggggtg ctcccttgat tataattgag 300  
 gtctatacac tcttgatcga tgggctgttt tctcacaaca agcccggtga cccgacttct 360  
 ggtaaaagga agctgacagg cccataaccg ttcaaggacc gactgcggga gctcaattgc 420  
 ggtttccttg gccttctact gtccaaggc cttgcgtttc tcattaccca cgggtctcaa 480  
 aaatgcttgc ggtaaacca gaccagacat catcgatcga tgccaacccc gaccaggaac 540  
 tgaagatcca ttccgtggct tgtcgaatta cacaatctgc acgggtgatc cggcgatcat 600  
 caaggacggg tttcgttctt ggcccttcagg acacaacagc tctacttttg ctggattggt 660  
 ttatctgaca ctgtggcttt gtgggaagcc gcattatatg gacaaccgcg gtgaggtatg 720  
 gaaggcgata aatgttatcc ttccttggat tggcgccacc ccttatcgat ttaatcggaa 780  
 tatggacgct aggcaccacc cccttcgatg tgaccaccg ctcgcttatg gggcattgtc 840  
 tgtgcctaca ccgtataccg gtcggact 868

<210> 5284  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 5284  
 ctcatcgaga gccatgatct caccctcaat cctgaagatc ctgacagtat ccgcaacacg 60  
 tacaagaaca cgcgaactat cttgaacgac gagtttgaac tggatcatga taatgccttg 120  
 gaaattattg atgaagcggc agagggctat caattctcgc gttatttggg tctccctaaa 180  
 actctgacaa ggtgtctgca agatacggat acgaagggtg tcaaggctcag acataagctg 240  
 aagttccgcg ttcagttgat gaatccagat gggcacatta gcgagctgcg agctacgctt 300  
 cctgtgtcga tatttatctc tcccaacctc gcgatcgacg agaacaataa cctagtcgac 360  
 cagactccgc aatccgctca acgggcaatc aacgatatcg ctcaacaggc acccccgttg 420  
 tacggcgagc atcagtttga ccagttgtat agcgagcttg accctaattg ttaccgtact 480

ccgggacctg	gaagtggccc	cggcacacct	tttggcactc	tcagccgcaa	cctctctgct	540
gaaaacctcg	cttctatgaa	tgctttgacg	aacaccgaca	tctccgcttc	tgcgctacat	600
agccgtctat	caaacctctc	aaaccttcat	attactcgac	cccatacgcc	atcgcccaac	660
gaccatgagt	ctcagaacga	cagn				684

<210> 5285  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5285						
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cccgctactg	acggccatgt	cgagacccgc	gccgtcacga	cctgccagcc	tccttcagag	120
cttctcagtt	gcccaggccc	cggtgctaa	cccgggctgc	tctcgctatc	aaccgtcctg	180
ccttcagcac	ctcattacaa	gcgtctacgc	gggcaccaga	aggatgagac	atacgaggag	240
ttctctgcca	gattcgagaa	ggaattcgac	ggtgtccaaa	ctaccataaa	accacccaac	300
agcctgtaca	actgctttgc	ctacgatctc	gtcccttcog	ttgaggctct	ctccgccgct	360
ctcagggccg	ctcgccgcgt	caacgactac	cccaccgatg	tccgcgtatg	caacggtatc	420
gatgccatgg	acacgaccga	tgaccaggac	tgacaatacc	ttgacgcact	tgacgggtcta	480
ctgcaggaa	tccgcgttgc	tctccgtgaa	gagctatacc	ccggcgagca	gtagataatc	540
gaccatagtt	ctcgcatacc	aaatcacttc	ttggtcccac	tgtgccacac	gattacatag	600
gatagctgtg	tacatactct	ataatgcaga	tgatgaggcg	tgctacgagc	actgtgaggg	660
gatagactat	gcac					674

<210> 5286  
 <211> 655  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5286						
tcggttgcaac	gtcactcccg	aatatccacc	caggcacagc	tttggcatcc	acaagatgac	60
atcgctgata	tccgaagggt	ataaacgccc	tccatggctc	ttgcgatatc	gtcctcttac	120
ggtgttcatt	gtcgcaacag	tatggacgtc	attgttcacg	gacttctatc	tatatgccat	180
ggtgagcgag	ggctctggcc	gaatcgcgcg	taccttcgcg	atgcacctac	tcatagcagc	240
tgcatagagt	ccccgtcatg	ccaacagcac	tggttgatcg	cgccggcgtc	ccataccaag	300
accgcgagta	ctgggtcagc	gtattactta	tgtgcgaagc	cgccgtcgca	tgcatttgct	360
gccccatatt	cggttacatc	gttgacaaca	cgcccaccgc	ccaattccct	tatctgctcg	420
ggctcatact	cctcggcgca	tccatggtca	tcctatcaat	tgcgcataca	gtgggattat	480
tcacgtcgcg	cagattactg	caaggcggtg	cgacggcaat	ggtcaccgtc	gcaagtctcg	540
cgctcttgac	agacttcggt	tcgttcgaca	acctcgggca	ggtgatcggc	tacctaaagt	600
tccttggtgc	gctgggggtc	ccgcttggtc	ccgtgatagg	gggaattttc	tacga	655

<210> 5287  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(664)  
 <223> n = A,T,C or G

<400> 5287						
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gagcagcacc	accacaacga	gctgcatgtt	ggaatgcatg	cgatctagcg	caaagaccag	180
agaggaatth	ttgactcttt	tgcaccggag	ataatgtctt	ctacgttgctc	tgtgacacgt	240
acttgttacc	ccccttttta	acagtggatg	gtattcatga	tttcaacgga	gttcggggcg	300
gtttacctct	caacaggtta	tttgggtccg	ggtgttctga	tttttaccgc	gccacacggc	360
tggcagatct	tatattatth	tcgtctatac	tctttctatc	ctacaaaacac	tacttgtata	420



catcttgaat	ttctttatct	cgctacagca	gatcctgcag	atacttgtca	tattattcgg	480
gtcgcctttt	cggaatacat	acagaaccaa	ttgaggcgca	cgaactgatg	aaaggaaagg	540
tggagaacaa	tcctcatggg	anggccttagc	tcaactcagc	tattggcata	tgatcttatt	600
acattatgag	atcatactca	atgctaattc	aacactatct	gtttgatgcc	taaaaaaaaa	660
aaaa						664

<210> 5288

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 5288

ccgggggtgc	gctgaatgct	gtctccctag	tgaacttggg	catttgtgtt	ggatttgggg	60
tcgagttttg	tgcgcatact	gctcgcgcgt	ttatgttccc	atctcgggtg	atcttagaca	120
aggtgcccac	taagtccgc	ggcaaagacg	ctcgggcctg	gactgcgttg	gtcaatgtgg	180
gaggtagtgt	tttcagtggc	atcactgtga	ctaaattgct	cgggggtctgt	gtgttagcct	240
ttaccgcgag	caagattttc	gagatttact	atttcggggg	ctgggtggcg	ttgatcttgt	300
tcgcggctac	ccatgcgctc	atcttcttgc	ctgtagccct	gagctatttc	ggaggagagg	360
gatatgccga	ccccggctct	gatggtgccc	ttgaggagaa	ccttgcaccc	cgggggttct	420
gctctctgct	ggttgatgat	gattacgact	cggacggata	ttagacatac	aatactatga	480
tacaatgatt	gcttgatgct	tttacggacc	atgggactct	cggggagtccc	gtcaactccc	540
agctctcggt	tggctgttgc	gggatgcata	tggagtattc	aggatggaat	gggtgttagga	600
atnggatcat	tctttacatt	gatggatgta	tacagngcac	ttgggggtatg	tgacataaag	660
cggtaataaa	cgagacgcgt	ttcat				685

<210> 5289

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5289

cccgaactca	ctccggagca	atatggtaat	gtgtttaatg	catatgtggc	ctggaaccaa	60
gcagtggaga	gtgtcgatgc	agaaatgcgt	gaaggtgcac	aatgggtttg	aaacatgaag	120
cagctactta	aactctacac	gcgccagcgt	gacaaggcca	tgatgctcag	cattgtcaag	180
gaaccggtta	ctgttcaact	cttccgtgac	ctatttacia	tattctacga	gcctctagt	240
cgcgtttaca	agtcggcaaa	cgtctacaat	agtatcactg	atttcgctca	atttgccgac	300
gatgccattc	aggtgggtcg	gaaatgtcaa	cgacaagacg	tatctgccga	tccaaaccaa	360
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cacgaagtgc	accttcatga	caatgggctc	ttcggctctc	tgatgggatg	gattgaagat	480
attcttgatt	tcctacgcca	cgggcctgtt	ggtggcaagc	tcgacatgaa	cgctgtgctt	540
cacagcgcta	atgatgttgg	gcaaactgat	aaagataacg	ctgttgatga	gataaacgcg	600
ctcataaaat	ggcacgaaga	cgcgaagcgt	tggcacctga	ataagaccag	gcagaagaat	660
gcggccagag	ggactcggaa	tgacccat				688

<210> 5290

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 5290

gacacctgga	gcgtcgcaaa	gagctaacaa	gacaagtcgc	aaagccatat	ttccgagaat	60
ggtcgaacct	ccgccatcac	gaaggaaaga	ccttctactc	cggtccccgg	ttattcaaac	120
gagataaggc	gctctacttc	cccaacatgc	acggtaccac	actcgcatcg	cccaagggaac	180
cgcaagatac	caccacgcag	cttcggggca	ggatttctgt	ggtgaccctt	ttctccagtg	240
tttgggcgga	aacacaagtc	gcgactttta	ctgggtcccga	acagaatcca	ggcctccatg	300
aggcgctcaa	gagcgggtggc	gatatggttc	agaagggtgga	tatcaactta	gaagagaatg	360
ccctcaaagc	atggctgggt	cgcagattta	tgtggcggat	gcggaacaag	ttacctgaac	420
agcaacacag	gcgctacttc	ctagtctgca	aagggtgtcac	ggagggcggt	aaggagtcca	480
tcgggatgat	gaacagcaag	gttggatatg	tttatctgtt	ggatgaaaac	tgtcgcattc	540
ggtgggcagg	aagcggggccc	gcggaggaac	atgagctcga	ggcacttaac	aacggaattc	600
ggaaactgat	tcaagagaag	aaggctcagta	tgggagtctg	agtaccggcc	tcagagtggg	660
gaacgaagag	tcnaaatgag	ttcgcagctc	aaaagccccg	ggttgtcatg	agaccttgg	719

<210> 5291

<211> 608

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 5291						
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gtagcgctgg	tgacaccgag	aggactgagt	cagcgacacc	acttggcctg	attctttacg	120
agcccatctg	tccagatgat	gctttcggac	ggaccatggt	gtccaacctt	gcgacgcgcg	180
ggatccactt	gcaaacactt	catcagtagc	catcactagc	ggcgcagcga	aaacggttgc	240
gagaacaagg	cttcgcgcag	ggccaagccg	cggcagatgt	ggatttcac	tgggaacgct	300
gggtgagtga	agaagaaaag	gagaggggtg	ccggactcga	gatgctggac	gagatggaag	360
aatggagatt	gctggcgcaa	cattattgta	tgcgctgggg	ctggcgtgag	gggtctgtan	420
gagttgttga	cgggtggaga	gggattgagg	gacaatcagc	ggattgacca	aacaggcaga	480
caaactgcca	tgcttttgga	gtcgcagata	ccgacatccg	aaatatagat	ggggatctgc	540
gcaaagagag	tgtcncttat	ttttcccag	gaatattttt	ttttttcaac	cgggaaaact	600
ttttgggg						608

<210> 5292

<211> 1042

<212> DNA

<213> *Aspergillus oryzae*

<400> 5292						
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ccgacagcaa	cagtcaccat	gaatcgtctt	ctgaagcttg	ccttcttgtc	tttggtcgca	120
tcctctgcca	ttgcgaccac	cgccctgag	caggctcgagt	ccgagaccaa	cacgggtggcc	180
gaccagtccg	attccctcca	caaggctctt	cacttggtcg	agaagttcag	ccatggtgtc	240
ttccgctccg	acgaagatgc	tgcggacgct	ctcactgccg	aggatagaga	gctggccgcc	300
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gtaccatcct	ctcctactca	agcttccctc	ccttccctca	acactgaagc	tccctcttcc	420
accacggaag	ctcctctctc	ccacaccact	gaagctccct	ctacttctc	tccttccact	480
acagaggctt	cttctgcttc	ctcgtctgac	tcgtcgactt	ctcaggcgga	accaaccacc	540
tcagcccaac	ccaccacggc	cacgcctact	caaaagacca	ccgtcgaacc	cactaccagt	600
gagcagccca	caaccaccga	gaagccaaca	acctcggaga	aaaccaccga	aaagcccacc	660
accagtgagc	agcctaccac	caccgataag	ccaaccacct	ccgacaagac	cacttctgag	720
aagaccaccg	agaagcccac	caccaccgac	caaccacgc	ccactaccac	cgacaagcca	780
accacctccg	aaaagaccac	ctcggacaag	accaccgaga	agcccaacac	cagcgcagat	840
tccaccaagg	gccaaccac	catgcaaacc	accaccaccg	ccccagagcc	cacaaccacc	900
gaacaaacaa	ccaagcacac	aaccccttac	acctccacct	acaagagcac	caccactctc	960
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gtcgccacgc	tcaccagcgc	cg				1042

<210> 5293  
 <211> 720  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(720)  
 <223> n = A,T,C or G

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tttcttctac ggtagcggta gcgacagcga ttccagctcg gatgaggaag agcttctcac      180
cgatcgcgag gaggaggaga agtccgagga ggaatccagc gaagaggagg aggagacttc      240
ggaggagaa tcctccgatg acgaggggtga aaccgggtgcc aatcgtttct tgaggggatgc      300
atcggagagc gaggagagcg aggatgagga gaaagtaacg gttgtgaaga gtgccaagga      360
taagaggctg gaggaacttg agggcatcat caagttgatt gaaaatgccg agaagattaa      420
cgactgggct gttatctcgt cagagttcga taagcttaac cgccaggctc tgaaggttac      480
gcaatcgggc ccagttccca ggatttatgt caaagccggt gccgatctcg aggatttcgt      540
gaacgagact attacgaagc agaagtcagc gaagaagatg aacgcaagca actncagggg      600
tttcaatgcg gtccagccac gtattaagaa gaaacacaag gagtacgcca ctcatatcga      660
gaagtatcgc agtgataggg atggctacat ggaggggcanc gagangangc tangcccgcc      720
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<210> 5294  
 <211> 710  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

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<400> 5294
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caaggccctc aatacgccta ccgggtatcc gttcattgaa atcttctacc aggccaccga      120
ttccatttcg ggggcgctgg gaatgagctc ggtcctgctc atcatcgccg tttgttcagt      180
cattgggatg ctggcggcca cctcgcgaca gttttggctg ttccgagag atcgcgcggt      240
acccggctgg cgcttgtgga gtaagggttc cccgcgaaca tgcattccga cctattccat      300
ccttctcacc atgaccgtcg cagctctgct gggactcggt aacattggat ccgctgtggc      360
tttgaacggt atcatctcca tggcgggtgc aggcatttat ctttcttatc tgattgtcgc      420
aatcctactt ctctaccgtc gttgcacggg tgaaatctct ctgtatagtg acggagagga      480
catgctggtc aacgtacctg gtgccaagct gatgtgggga ccatttcaca ttcgaggcat      540
cttcggcacc ttgatcaatg gctacgctgt catctacatg atcattgtgg tgtttttcag      600
tttctggccc agccagatgt ccgttgacaa aacgacgatg aacttcagtg tcgtcggcac      660
gatcgggacg attatcctgg cgctgatcta ctatgtcttc cgggcccgan      710
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<210> 5295  
 <211> 682  
 <212> DNA  
 <213> Aspergillus oryzae

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<400> 5295
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gtgacggtca ccacgaccat caccaccgac cgacctgtcc agactcaagc tcagcccact      120
gtctctgttc ctgcgtcctc cactcccgtc gtaactcctg agccttccca gcccgctgag      180
gttcctggcg agttttcacga gagtgaagcc cccgagcccc agcaatctgc aaccatccag      240
ccggtttgga atcccccccc ggctgagtct actacctctg ctactccac tccggagcct      300
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accgaacagc	cggaacctac	cgagcagcca	gagcccacca	ccttctacga	cactgccact	360
tcttccctcg	ccccagcag	ctgtggatac	accaacgatg	gcagcaccga	ggacgtcctg	420
gcccttcccg	tcggcatgat	gaaggacagc	gactgcggcc	gcatgggtgac	catgcgctac	480
aatggcaagg	tcgcttccgg	caaggtcgtt	gacaagtgca	tgggctgcga	cagcacctcc	540
attgacgtgt	cgcgccacat	gttcggtttg	gtggcttccg	aagatgcggg	ccgcctcttc	600
gatgttgagt	ggttcattga	gtaaatgcgt	tgagtgctag	cttcttctgt	tgactctttg	660
atTTTTTggT	acttcgcttc	tt				682

<210> 5296

<211> 596

<212> DNA

<213> *Aspergillus oryzae*

<400> 5296

cgaggttgag	attggtctct	cccttggctc	cggaaaggtc	aagactctgc	ccctccgttc	60
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tctctcggag	atcgtcaaga	agttcggcca	gttccccctt	agcttgcgcc	agctagatga	180
tgagaaggcc	gctaagggtt	gtgtcgtcga	gtgtgtccgt	ggtgggtgtc	tgagacagta	240
cgagcctgcc	ggtgatgctg	acaacgcccc	tgtctccgc	ctcttgacta	ccattgctat	300
caccaagaat	ggtatcacta	agctcactgc	tcccgcgcga	cctgatttca	ccaagggtcaa	360
gtctgataag	aagatcgagg	atgaggaaat	cctcaagatc	cttgagcgct	ctctgtccaa	420
gtcgactggc	tccaagaaga	acaagaacaa	caagaagaaa	gccgccaaga	aagccgactc	480
tggcgacaag	gagtaaataa	gtcgtttgac	tcggtcaact	ttggcataatc	tagtgaatcg	540
ttggatatgc	agatggaatt	gcttcaggcc	atggttgga	cacctttcgg	agtgc	596

<210> 5297

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 5297

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gaccatgcaa	agccatcgcc	cctgcctatg	agcagctggc	agcccagctg	tcacgccga	180
accgaatcac	cttcaccaag	atcaacgtcg	atcaccaaca	ggaccttgct	aaggcctacg	240
gagtgcacgc	catgcccacc	ttcatcgct	tcgagcgcgg	ccgtccaacc	tccaccgtca	300
aaggcgccga	ccccagaag	ctgtcggagg	tggtcgcga	actcgcatcg	gaggccagca	360
aaccggacga	cggcggcgag	ggctcatcag	gcagctccga	cgcagattgg	atcgggctgg	420
ccgcaccgaa	aggctacgcc	gacatcacgg	accagtacga	tccaaggggc	ctggagctgc	480
tgaaccggga	cagcgagttc	ggaacggcga	agacactctt	cgagacttgc	aagccgtcgg	540
cgctgaacaa	cggcaaggga	aaggctaagg	attgggtcga	gagcgatacc	gatgaacagc	600
ttatgctctt	tgttcggttc	cagtcgacgc	tcaagggtgca	ttcgttgcag	attacttcgt	660
tgcctcccag	tgatgggtgat	gagcttccca	tgcgcccgca	gacgatccat	ctctacacga	720
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<210> 5298

<211> 1347

<212> DNA

<213> *Aspergillus oryzae*

<400> 5298

caccacttct	gtgtacagca	ctgtgtccac	agtgactctt	acgtcgacat	ctaccatttg	60
caacaagtgc	actgetactc	ctcctactgg	caagcccaag	ggcactccga	gcggaacctc	120
tcctaccccg	acaggcgttt	cccctgagga	gcctcctgag	gattctacca	cgaccgtcgt	180
tacttatacc	accgtgaccg	actgcccagt	aactacgact	gctaccgccg	gtggcaccac	240

gaccacttct	gtctacacga	cccagtcac	cgttacactg	acttcgacct	ccacgggtgtg	300
taccaagtgc	tcctccactc	ctgcccctac	cggagtcgcg	cctatcagta	gtactcctgc	360
cgaggggtga	acgaagggtc	tcacctacga	aaccgtgacc	acttgccctg	tcactacgac	420
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gacttccagc	tctgcccgtga	agccgactgg	cgttccctct	tctcctgtct	cctcttcacc	540
tccaccagca	aattgcccta	actcgggtgc	caagtgtatc	aacacctggc	tccctcttgt	600
gcccaggtgt	acttccaacg	cggagcccg	ttgtttctgc	cgaacctatg	agttcacaga	660
taaggtcac	agctgtattc	aggcatgggg	tgcattccaaa	gaagagatcc	aggccgcgct	720
ctcctacttc	accgggtatct	gtgctcccta	tatccctggc	aatccaggca	ttgtcactgc	780
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tggcaccagt	gcggcaccaa	acccaaccgc	cgctcccag	gttctctcga	cgaccatcac	900
ctactccacc	tacacgttga	ccgtgcccc	ggttaccttc	accacggcg	tctccggcca	960
ctcgaccacc	gtcggttga	tcccggggcc	tgcccaaac	ggcgtatccc	caggctactc	1020
ctcgggcatc	ccgaacccat	gggtctccgc	ctcgtctact	tggatctcca	gccatcatcc	1080
tagctcgaca	gccaagccgt	catctaccta	taccctcct	ccccgggcta	acactgcctc	1140
ctctgtgtcc	accagcttct	ggctggccat	gggagtcgcc	gctctcttca	gcactctttt	1200
ctgatcataa	cactcctttc	tcttggttga	tcttgctttc	acagacctatg	ttacttatcc	1260
atccttctca	gattgttaat	aggttgtgac	atataggtca	ctgagatgaa	tctggatagt	1320
aatgtatca	agtttctttc	ctttaag				1347

<210> 5299

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 5299

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agaaccccca	gccgcctgct	gctaccgata	tcgataatct	cccatatctc	aacgcggctct	120
gtaatgaagt	ccttcgctat	caccgcgtct	tgctggccac	tatccgctgt	gctagtcgag	180
acacaacgat	cattggcgag	cccattccga	aaggcacgtt	atttctgatt	gccccgaaa	240
ttatcggtaa	gagcaaagaa	ctttggggcc	cggacgcccga	caagttcaac	ccagaacggt	300
ggctaggccc	tggtcggggc	aataacgggt	gtgctgacag	caattatgct	aaccttacgt	360
tcctacacgg	accacggagc	tgcctcggcc	agggattcgc	taaagcagag	ctcgtctgca	420
tggtagcgg	cgctcgtggc	aagtaccata	tggagctgaa	aaatcccaat	gctccactcg	480
aaatccgaca	acaagcgacc	gtctgcccta	aagatggggt	gcttgctaag	ttactaata	540
tagaagggtg	gtgaagaaat	ttcacgggtg	aattcatctt	tatgtatatt	aatgtcgatc	600
tccttactgt	cttggtatct	tatgaatcag	ggatctagct	gtggcaactc	acgatgaaag	660
tggtgggtgt	tcctttggn					679

<210> 5300

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 5300

ctctcccat	cacctttcac	atggcatccg	aggtctctgc	atcgcagggg	gtacccaaac	60
ccaagattga	tctgtccaag	aaactttcag	aactgcgttc	aaaccgaaag	tcccaaccgg	120
cgctaccttc	ccgcccgtcc	agagaacctg	ctccagtcac	cccgcgcgtt	tctaaccctc	180
cggatctatc	ctcccaccaa	tatgcacgcc	cagttcgccg	aatcttatca	aacctgacc	240
atcagttgtt	cctttcctcg	tcattcatatt	ctctaattcct	cgccttcctc	ttcgggtctct	300
ccgattcgg	tgcggggcgt	gcaaccacag	actcgaaaga	tcgtccgggt	tcgcccacag	360
tctccaagat	cctcgccggt	gttgaatcca	tccggacact	tctggatcaa	catccttcta	420
tcgaccaagg	tggtctcaaga	ttcggttaacc	ctgctttccg	cgacttggtt	gacgatgttg	480
ccgcgcagag	cgcaaagtgg	cacagggaga	tccttggtat	tcaggattcg	accgccatag	540
aagaagcatc	agcatatctc	atacactccc	tgggctcgcg	agatcgtcta	gactacgggt	600

cgggccatga attaaatddd atgatgtggc tgttatgcct acgccagatg cagctatact 660  
caaccgcaga cttcgaga 678

<210> 5301  
<211> 821  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5301  
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atccgatacg gatacttcga acttcgatcc cgagttcaca aatgccaacg ccacgttaaa 120  
cgaccgtgca gcagcagtag cgaatagtta tatgccagca tccaccccg cgtccccggg 180  
tttgcaagct aacttcaaag gcttcacttt cgttaacgag agctcaattg accatcatct 240  
gaagcatgaa cccacagatc atatggacga ggaccctgat acttggaac gaccgcaccg 300  
ccctgggggt tttgacgac accgtatgac tgggtgtccc aaggctcacg aaggcggaga 360  
gcctggaatc ttcaatgttg atgacaattd cgatatgtga ttatdddgcg atgcatgatg 420  
ttggagttgt gaatcttctg catatattca tatgacatgt acatggcttd attggaacag 480  
gccaaaactt ggtttgctct gcatctgctt gctgcaagtg attagcgacc tatctgttgg 540  
tactatcata ttctgtgatg tgacgacaga aatgatgtga acacttctga ctaccatgcc 600  
aatctggtgt atccgggctc caccattcgg gtagatcggg cagcatattg ctcttgactg 660  
agatctcctg acccgtttgt tactcttgac tgcttacagg tctttggctt ataccatctg 720  
tgacattgtc tttcttgacc ctgccaatat ccgacagtca tcggtttggt attgtataga 780  
tggacggctc ggcgtccctt tggttacagt tagcacgggc t 821

<210> 5302  
<211> 669  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(669)  
<223> n = A,T,C or G

<400> 5302  
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tactgtacgc aacaattgtg tttaccgcaa agtcaaaata ggcactgaaa cacaagaaat 120  
ccgctatgta ctcttcgccc gccgcgccga ccttgttcag cagttccacg aatcattcgg 180  
ccactccggg aaggcaaata tctatgactt gatgcgcaaa cgggtgggtgt ggcttgacat 240  
gaggaccgat attgttaatt ggctcgccac ctgcccacaa tgccagcttg ccgcaaatgc 300  
cgacaaaaat actcaccacg ccccaatgaa gcccttggat gtcccacctg cattttcccg 360  
ttggcatctt gactttatcg gcgaactacc caccacagca natggtaacc gatggatctt 420  
ggctcgcggtg gactctgcca caaattggct tattgtctgt tccgtacctg acgccaccgg 480  
agaggcgatt tgcaagttcc tatatgaaga gatcgtcctt cgtttcggtt tgccagacga 540  
gattgttact gacagaggcg caaacttcat gtcgaaagta cttgcaantt acanncgcg 600  
catcaacta cgccacgtct tcacatcagg ctttcaacca tgcacaancg ggaaagcaaa 660  
gcgtacgan 669

<210> 5303  
<211> 659  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(659)  
<223> n = A,T,C or G

<400> 5303  
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attgccgcct	ccggccatga	ctccgcata	gaccgcaaag	caaagggtcat	caacagagcc	180
attcaggata	tcggcatggg	ccgttatcag	tgggagctgt	ttgcactctg	tggatgtgg	240
tgggtggcag	acaatctctg	gttgcagggt	gttgccctaa	cattgactca	aatgtccgcg	300
gaattcgggg	tctctgaaa	tcgtgtccgt	ttcaccacct	gcgcgttggt	cttgggtctc	360
tgcctgggtg	cttcgttctg	gggtgtcgca	tcggatgtta	ttggacgtcg	tcctgctttc	420
aacctgactc	ttctcatcac	cagtgtgttc	ggtctggccg	ccgnggtag	tcccaactgg	480
atcgggtgc	gtgccctatt	ctcctgcttg	ggtctcggtg	ttgggtgaaa	tcttccagtt	540
gatggcgcat	cctcctggga	gttcttcaan	tcgctctggc	aactccctga	catgctgagt	600
gtctgggtggc	caatgggcaa	ctatctcagt	ctgctcgcat	gggcctacat	tcaacataa	659

<210> 5304

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(635)

<223> n = A,T,C or G

<400> 5304

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cgagagctcc	ctaattctgt	tgattgctct	cgacatgaac	tctctatcgc	accggcaatg	180
aacagtcggc	ttattccccc	tcattgcacg	cctgccctcg	aagcccgcg	gatagatatt	240
gataacttta	caccctaacc	gaaagatgaa	atgatggcac	gcctagattg	acttgagggtg	300
tgcgatactt	acgaaataca	ccggtgttca	tagtacggtc	acatgcacgt	gtgcgcgata	360
ccntgatgct	atgctgtacg	agttcacttt	gatgcaccag	gcggttatta	actgtgagag	420
gtcattttcag	gtgtagacgc	ttatccattg	gcgagacctc	ttggagctgg	cttctctgca	480
gacgggggtg	atgactctca	tggcatttgc	aacggtcttc	cggcaaagga	tatgacggat	540
tgnttcccgc	aaggaaccgg	gccaaatgtc	gaagagaatg	tacatccctt	gtcttaactg	600
gaaaattcct	ttgtttttct	gtttcccttc	ctaat			635

<210> 5305

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(622)

<223> n = A,T,C or G

<400> 5305

cataacgggt	cctggaagt	ttcttccaga	ctattcacag	ccattactgt	cgaacctaca	60
gcataatcagc	tgtgttcac	accttgatt	ataatcacct	gactactcag	taaagaacca	120
tggccgacgc	agagttggaa	gagatcagga	gagccgcct	ggctcagctt	cagcagcagc	180
agggaggcgt	accacgaggt	ggtcccgtc	cagacggtca	ggatgatcag	aggaaacaag	240
cagaagccga	acgtcgctct	gcgattctga	accaaactct	cgaacccgaa	gctgccgacc	300
gcctggggcg	cattcgctc	gtgaaagagt	cgcgcgctgt	cgacattgag	aaccgactga	360
tcatgttggc	acagacaggc	caactgcggc	aaaaggtctc	ggaggatcaa	ctcaagcagc	420
tcctgaatgc	tgtggctgag	aaccagcgca	aggatgagga	agagcataag	gttgatttca	480
gtcggcgtaa	aggaggtgg	gatgatgacg	atgacttgtt	ggatctgtga	aaagttgaat	540
tgcaaaacag	cgaatgccgt	ttaagcctgt	nnnnnanann	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnttc	ct				622

<210> 5306

<211> 718

<212> DNA

<213> Aspergillus oryzae

<400> 5306

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aacgcagacc	aggtecgct	cgccggccta	gcagcccgcg	actccctccg	tctggaagcc	120
ggcatgtgtc	tctacggcca	cgacatctcc	accgcccaga	ctcccccccg	cgcatctctg	180
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gccatcctcc	cccagctcgc	ctcccccgcc	aagaccctct	cccagcgctc	cgtaggcttc	300
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tcccgtaacc	ccgttggcat	catcacctcc	ggtctcccca	gtcctaccct	cggcgggtacc	420
aacatcgcca	tgggtacgt	caaacaaggt	ctccacaaga	agggtaccga	ggttggcatc	480
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ttctatcggg	caaggcctaa	atcccataat	gggttagct	ctgtggttct	ggtttttaag	600
cctttggggg	ttgcgggtgc	ggtttctagc	ctcttttct	tttaatggaa	atgttccatg	660
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<210> 5307

<211> 987

<212> DNA

<213> Aspergillus oryzae

<400> 5307

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tacactacac	atcatgtctg	gctacgatca	gtacaaccag	cagggcgggc	actacggcca	120
agggcagcag	ggctacggtc	aacagggtta	cggtcaacag	ggctacggtc	agcagggtta	180
cggtcagcag	ggctacggtc	aacagggtta	caatcagcag	agctacggac	agtcttctgg	240
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ctacggcggc	ggcggacagt	ccgagcacca	ccagcagtct	tacgggtggc	agcagcacta	360
tggccagcag	caaggatatg	gtcagcaggg	tggatacgaa	ggttctgggt	aacaggctcc	420
cggcggtgct	caggagggtg	aacgtggcct	catgggtgct	cttgccgggt	gtgcggcccg	480
tggcttcgct	ggccacaagg	ctgatcacgg	gttctctcgt	acaattgggt	gagcgatcat	540
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tcacctcacc	tttccacgat	gatccctttc	cgcgatacgt	gaactagctc	ctttcgactt	780
ctatctcggt	cggttggccg	ggttcgcacg	ttctttatgt	ttttcagctc	gccttgctta	840
cacggacatg	ctctggggat	acacttcttg	ttttttctct	togatttggt	gctgcactct	900
ggcttattag	ctcacttacg	atgagacgcg	ttgttccact	gcttttttat	tttttttttt	960
tttacaatta	taactattgc	tatcttg				987

<210> 5308

<211> 711

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 5308

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gacgtttctc	gtcttcagga	caatgccact	ggctgtctca	gocgcatgat	ccttaagcac	180
cgtgacagcg	ttccccctca	ggacgtcctg	cctgccctta	tcaagctcct	ccccttgaag	240
aacgactacg	aggagaacga	ccccttgtac	cgcagatctc	gtcagctgta	caagtgggaa	300
gacccacaca	tcgcgcagct	tacccctcaa	ttcctgcccc	tcttcagtc	tgtcctctgc	360
ggcgacgagg	atcagctcga	ggacgagcgc	cgcgcgcgag	tcgtcgagct	tgtcaagtgg	420
ctgaaccaga	tgcagcccg	tgctgctcct	tgggctgagc	agctgtaaat	gctcaccaga	480
catgatggct	tgcagactca	acaaatattt	aatggataga	ctgggttaaca	aaatggtttt	540



atgggttgaca gatagaagat acccctccgg agcgcatcan ggtcggccct gtttatgcgt	600
gatgatgtga cgaagacgga tagaaaagtc atgtattcgt ttcgcgatga tttatgaatc	660
aaatgttgta atattcaatg tttttnnnna nnnnnnnnnn nnnnnnnnnn n	711

<210> 5309  
 <211> 666  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(666)  
 <223> n = A,T,C or G

<400> 5309							
gcggaccgga acaatcatat gcggcgcgaa aggcagcaac tcatggacga tatctttccg	60						
gttgtcccta gggctagggt tgtagctctg cactatgttc acgagcccaa ggggcaaatg	120						
ctcccaggca ttcgtgaggt taccgcagca cgagtgtctg accgtggcga caaccaccag	180						
actattcgcg catgaagcaa gaactcctaa gagattatcg gcatcatgga agggttcctc	240						
aatcgatttg aagggtgtcg taccgaccga gaaccggaca aaagcttcga tgaggtcatt	300						
gaactatacg tgtctgctga ttcgcgggga aacctgtaga cagtattgac aacattgcat	360						
aaactctacc cacaaatcgt gaaacagggt cctacaccag aagagctcca tgctggcctt	420						
gactggcgga tgtccgacta ccaagttcag atagacctct accaccacta cggggcgaag	480						
aatcggaagg acaagatata gacaggcact cagttaacct caacacctaa cgtaactccc	540						
cagagcttgg caaagggtat ccaatacttc tgcattctcc tggcgggaaa ctgaggggtc	600						
ggaagtcctc caaacgttggt tgcctacctc caccggacccc gagaaagctt ctgtgtaccg	660						
ccattn	666						

<210> 5310  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 5310							
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caaacggcga gcccgtacaa caggcaccat tggatccttc gaagcttgac ttctgtcggg	120						
tcttgtacga ctacaccctt gagaccagg agaccaatgg aattgatctg gccgtgaaga	180						
agggcgatat cgtcgctgtt cttagcaagt cagatccac aggcaacgca tcggaatggt	240						
ggcgatgccg cgcccgggac ggccgcgtcg ggtatctccc cgggccatat ctagagacta	300						
tccagcggaa gccacaacag caggcgatca catcgggtgg cgaggcaagc agccgtacca	360						
acagcatgca agctcgcgtc tcggacgaaa ttccggcaaa cgaaaagaag cctgaactca	420						
aaggaaagat gggcgacatc tctccagaaa agctccagaa nagtgctttc tactcgtaat	480						
gcctgagcgg gattgatatg ccatgcttnt atttcttact tctatcatta gcccacgagc	540						
aggaggtcat gtcggnttga ctcccttgca gcatggatct tactacntat gggcggnacc	600						
tcatgactac ttcactactg gatatttcaa gcgttgggtg cttanagtat acggattctt	660						
cacatagtca cgttt	675						

<210> 5311  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5311							
tcagaccaac tcttgtccca ctcgttcatt cactcacgct attcttcaact tcttcttggg	60						
ctagacttat tcttttcttt ccagttttcc tgcgttttca tcttcatccg tggcctccgc	120						



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ggtattccta gggggaacca tagcggggcc gggtcgcttc atcatcagtt tcagtagttg      420
gtggctcggg gtctatittca ttcttggtta tgtctgggca ctgggagtta tcgctggcat      480
tcagcgtgca gtaacagctg ctacagttag ccagtggtac ttccaccgac tcacatcccc      540
tgccccgaca tcaaggcaga tcgtttgggc agcaattaat cactcactca cggttttatt      600
tggcaccaat tggttatcca gatatgtgca cttcttggtc gaattcctct tttt          654

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<210> 5315

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 5315

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ggtatcaagg ttactcctct ccatacttta accagactca tgcagccctc cgcgcagaag      60
ttcgccaatg ggttgagtct gaaattgagc cctatgtgac cgaatgggat gaggccaaga     120
atgttcccga tcatatttac aagcagatgg gtgaacgggg ttaccttgcc ggattattgg     180
gtggcaaatt ccctgtcgac cacacgaaga accgtgtgca gtctgtcgct cctgaaaact     240
gggacttggt tcacgagatg cttcttaccg acgagctgtc ccgcgcgggt agtggtggtc     300
ttgtctggaa tttgatcggt ggctacggta tcggctgccc ccactagtc aaatatggca     360
agaagcctct ggttgacaga attctccccg gtattttgaa tggcgataag cgtatctgtc     420
ttgctatcac cgagccggat gctggaagcg atgttgccaa ccttacctgc gaggctaaac     480
tcacccccga tggcaagcac tacattgtca acggtgagaa gaagtggatt accaacggtg     540
tctatgccga ttacttcacc accgctgttc gtacgggcgg gccccgtatg aattgtctta     600
atgtccttct cattgagaga gagcacggcg gagtgcagcac gaaacgcatt gacttgccag     660
tgtctggagg caccggccga ct                                     682

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<210> 5316

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 5316

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caaagcttga aacaagtacc ttcataaata tctatgcacc gtttgtacac agaatcaatt      60
gtaacttttc tcaaacaccagg tacatagtct tagccatata cataacttcgc caattatata     120
tttttgcatc cacccttacc gcggaaatgg ccgccacatg cccaaactac tgccggcattg     180
aagattatgg catcatcggg gatatgcaca cctgtgccct tgtgagcaag aatggtggtc     240
tggactttat gtgctggcca gcgttcgact cccgtctgt cttctgccgc gttttggaca     300
ataacaaggg tgggcatttc accatccgcc cggcaggaga tatcaaacca atgagcaaac     360
aacgatacag agcgtgtaca aacgtcttag aaacgcggtg gatccatgag gatgggggtga     420
tcaactctatc tgactatttt cctgtattaa gcaaaaagcc ctcccatccg ggggattccg     480
cgtcagcctg gtgctcctgt gatacggctg ctgatggtgc tgaaggggca gaatgtcgct     540
cgggagtggt taggaagggt gaatgcgttc gcggacagat gggcatgggt gtcgaagtct     600
ttctcgcgtt taattatgcy ctngagcagc ataccgggtca gtgggtaact cgtgggtgatc     660
ctgggcatcg gctgaatgag tatctattcg aaa                                     693

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<210> 5317

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5317

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cccaaaaaatg attgccgttg atcgcttagc gatcggtggt cggtctgtgac caaagtatct      60
ccacatcttc cgctggacgg actggcgaca atgcgacatc cgcttagtca acctagcata      120
gcataactag cgcgctgagg ggttcaccga attaaatgtg tataacttag tatccagaca      180
tgaacgcggg tgctagacga tacgtgttaa tctgattgac caggggtggct gcttctctcc      240
agaaggctga gggcgatcat ttatagttgc tcccagtggt gtcatttgtg ctactatctg      300
agaataaaca ccgtgaaact tgccggctga ctgtaaaaca acaagttgca tgggtgaatta      360
ccgatccctc accttaataa tatggagtgg cagatatact tgggcattgc atttgcgctg      420
tggatcgctc aggtcctcta tacagctttc acgtcccctc ttoggcgcggt cccaggccca      480
ttatacacag tcctgactag gttacctctg aagctagcaa gtctcacagg aaatcgcat      540
tatttcgtcc acgagctgca ccgganatat ggcccaattg tccgtattgc cccggacgag      600
gtcgacatat cttcacttgc tgaattcagg gaaattcatc gcgccggatc ctcatctctg      660
aagtcaaaat ggac                                     674

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<210> 5318
<211> 700
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(700)
<223> n = A,T,C or G

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<400> 5318
ctcacactat ttccgcgctt ttcttcaaga tttctactga atagccgccg atacgtataa      60
gctgagccga tcgaatacat gaccatatga ctgcgaatag cgccgcggga aatgatcttc      120
agtgacaact tagcctcgat tcaacatgaa taaagccact ggggaatcaa ctctaaccgc      180
ttcgactgcc ttggatctga gcggacgaag actgtgcgca tgtgatgctc aaagattggt      240
actctaaaaa gtggcagaga accatagaat agacacatga tggcatctag gaggatgtga      300
agccctttga ctgggtgctac accacagact atacggacac cgttcaagat ggtggccggt      360
catttgaacc ngcgaccaca tctatatacct taggattggt agagctgccg gatcccatac      420
tctctttcga tgaagtcata ctgtacgact atcatctcga tgataacggc ttcaatatgc      480
tatctctcga aaatacgttt tgccatccat actactgtta ttatcaagat tctttctacg      540
actcgataat gctctggatc aggattgaaa cacgaagggg tatttctact ttgaaaacaa      600
agagtgatca gagagtctct acccaaagaa ttaacttggg gacagttggc ataactgtta      660
cccaaccgga gatgacgctc ttgtcgtttt gctcgaacct                                     700

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<210> 5319
<211> 1122
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(1122)
<223> n = A,T,C or G

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<400> 5319
ctatctgggt attgtcgcag tcattcgtca gtccggctct acggtcgtt tcgaagccct      60
caagcctcag ttgaccgctc agctgccac ctggctgtcc tcttgggagt tggatgagga      120
agaggctcag cgctgcacc tcgctgttgc agacgcgct caggtgccg gcgatccgga      180
gctggcgagc acccatattc tgcaggctct gcagaccatt ccagccgcgc aggccttcgtc      240
caaggaggcc cgcgacctcg ccattccgcg tctcacctcc gctctcacc accccgctgt      300
gttcgacttc acccctctga cggcctcgga cgctgtccag gcccttcgct ctagegatag      360
caccttgttt gagcttcttg agatcttcac ggccgacact ctogatgctt acgaggcttt      420
cgtcaccgcc actcccttgg caggcatctc cgggtggtgt ctggccgacg ctggcgaggc      480
gctgcagaac aagatgcgtc tgttgacttt ggcctctctg gccgcctcga ccccttccc      540
ttccttgccc tatgccacga ttgccgcgtc tctgcgtgtg ccggccgaag atgtcgagaa      600
gtgggtcatc gatacaatcc gtgctggtct ggttgagggc aagctgtctc agctgcgctc      660
cgaattcctg gtacaccgcg ccacctaccg tgttttcggc gagaagcagt gggcggaagt      720

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tcgatgattt	caccgttcgt	gacgacaact	tggttttcta	tccacttagc	atggacggct	480
acaatgactg	gaaggaccga	agcgtcgagg	agatcagagc	tgcacttaga	acgaaggtga	540
tagccaactc	cccttcttct	gccttgggat	cggatgagtc	gaccgttggt	ggaagcatga	600
gcagtaaaaca	aacgggtttag	atggatgact	acgcgtcaag	agttaaaact	tagacttgaa	660
aaagaaaaag	aaaaacaagg	gaatgaaagg	aatcgttcaa	aagttactat	cagcgccggc	720
attgggtttc	ttttttgagc	atgcgcggtt	cgggtgttct	gttgcttgag	gacagggagt	780
actccactcg	ttactgccat	ttacattcat	gtcattcggt	gtgaatatgt	tggtctggnga	840
taatcgctac	ttggtgcgca	gatgtacatg	atggatntat	acattagact	ggttatattg	900
aaacgactgg	atnngttggg	tttgagca				928

<210> 5326  
 <211> 660  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = A,T,C or G

<400> 5326						
cgacttcttg	gcaggaagca	ttaaccctct	cagtatcctc	atttggttac	ctctgtttga	60
gcgagtaatc	tacccttcat	tgcgtcgggt	taacatacca	ttccggccca	tttcgcgcac	120
cacttttggc	ttcgtgatca	tgctcgggagc	cattgcagtg	gccgcgggcc	tgcaatcact	180
tgcctataac	tcacccctt	actcggtaaa	tttcctatct	attctcccca	tttacgtctt	240
gacagcgctg	tctgagatta	ccgccttctc	cagtagcatg	gaatatgcct	atacaaaggc	300
tccccgggtc	atgaagagtc	tggtcgcttc	ggccaatctg	ctcctctgcg	ctctgggctc	360
actgctgggg	ttggcgattt	caccacctc	caagaaacca	cagatcttag	tgcaatttgc	420
ttgcctcagt	ggcatgatgt	ttctagcggc	tattcttgtc	tacgtgctct	tttccaagta	480
caacaagggtg	gacgagaaaa	tgaatcagat	cgaaagggag	gcggacagcg	accgggagga	540
atagaggcat	acgcacgcta	cagaaatgag	tcttgatatt	agaattagac	cagaccatct	600
tctagcttct	actntaagt	ntacagaatt	taacataata	aaaatcaacg	tggaagtatt	660

<210> 5327  
 <211> 644  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

<400> 5327						
ctcatccaag	tattaaatac	acagcacctc	cgtcatcaga	gttctccgcc	gtgtgtaagg	60
tatggaatat	ggcccgtcca	gacacccgc	ttgccgttgt	ccatccccag	agcgcagagg	120
atgtgagtgt	tttgggtgca	ttcgccaagg	ccaacggact	caaattcacc	atccgcgtcg	180
gcggccacaa	catggaaggc	cggggcattg	tagatggcac	cctcgtaatc	gatcttcggg	240
cgcttacggg	ggtcaggata	gctgaagatc	gccaatcggc	tacagtagaa	ggaggaattc	300
ttcaaggaga	gcttggccaa	aaattgtggg	ccgaaggact	tgccacgccc	cacgggggtca	360
ataccggcgc	ttggctacgt	cnggtgggca	atgtatggag	gatattggacc	cttctcgtca	420
cactggggac	tgggggtttg	atcagaatct	tggtgcaacg	attgtgaatc	atgatgggga	480
agattattga	ggcngaccan	aagcttcttg	aaggcattcg	tggggccgga	aggggtgggtc	540
ggtgttattg	gtgatcctac	tatcaagggtg	tatccactca	gaaattttct	ggcttgtgca	600
attctgggtg	attccagctt	ttcaccaaaa	ctttggcgat	ttaa		644

<210> 5328  
 <211> 650  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(650)  
 <223> n = A,T,C or G

<400> 5328  
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 cttccgtatc gccaaacttct ggcacccgga ggttgatcatg gaaaaactgg aggaaactgg 120  
 ccgttacaat gacttgatcg atttcctata cggaaagaag atgcatcgtc aagccctaga 180  
 gctcctacaa cgattcggcc aagctgaatc cgagaccgaa acggcgccgc agcttcatgg 240  
 tcccaagaga acagttgcct acctgcaaaa cttggcacca gatcgaattg acctcatcct 300  
 cgaatttgct gaatgggccc tgcgggaaga cccaacctt ggtatggaga tattcctagc 360  
 agacactgaa aatgcagaga cactaccccg gcaccagggt ctogaattcc tgcggggcat 420  
 cganccgaat ttggtgttc gatatctcga acatgtaatc gggagttgaa cgacatgact 480  
 ccgattttac accaaaagct cctcactttt tacatggatc ggttgaagaa aaacggatcc 540  
 gacagctggg cattccctaa cggcgaggaa cgtattctat ggagaaataa atttctggag 600  
 atgttgaggg tcaagctctc aatattcgcc agccaagata cttgatagcc 650

<210> 5329  
 <211> 1060  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5329  
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 gcttcagcgc tcggcagttt ttcacatgatt tggaaacttgc caggggtttt cactaccaac 120  
 atgacacgcc gatttggttcg cgcgggtgta caactcgcaa tatttgctct ttgtatactg 180  
 gttttcgtcg taactctaga taaccggttt cgcgtcctac ctgccgctat tcatggccac 240  
 ctcccttcgc actattctgg actcgtcgtt acggatgtga ccataaaaaac gtgctcgcct 300  
 atcaatccct tctccaaatg caaacctacc tcgcaatcat ggacacaagt cgacaaagat 360  
 ctttacttgc gcactgggtg gacgtccacc gcctttgtcc aatttgagcg gaaaaaggag 420  
 gaggatctac ttctacgga caaagtgtg atcgatctga agattagtcg gcttggtccg 480  
 gagaccactg aggatactaa ggatggggag aaagacgaag aaacgtggga gccgagacca 540  
 ggtggcattt ggctgagacg aacagccaag cgccacgcga gtgattcgca gactgcgac 600  
 accttagtcg atgtcctttt cgggtccgat gcggtggatc cacggattgg ctgggaggtc 660  
 agagatacgc cgctgctgct ggatagtcgg acggaggaac tggagctcg tctcagtatt 720  
 cagaggggag atcctcagag aatgaaaaaa ccagttccca ggatcaatga acatggctgc 780  
 tttaaagatca tgcagctggc cgattttacat ttgagtaccg gtcttggtatt gtgccgtgac 840  
 cctattccag cggaaacctgt tccgggccag aagtgtgatg ccgacccccg gacattgag 900  
 ttgtgggaga ggctcctgga tgaagagaag cccgatatgg tggctcctac tgggtatcca 960  
 gtgaatggcg aaacctctaa ggatgtacaa agggcgcttt tcaaggctct caagcctggt 1020  
 tgtggatccg acgatccctt acgcggctat ttttggggaag 1060

<210> 5330  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5330  
 ttcggcgatg tttactcgtt gccacttctt cccggcaatg agccatatgt agcgccaaag 60  
 cttcctaata ggccaaagggt tcctagcgca actcccctta ctgtgcatag taagcggaat 120  
 cttgaatctc tggaaacagca gttgcgctat agtcaaaaaa aaactctacc gaagaaaaga 180  
 acagcctgaa tttccagcat caattgctac ttggccatgt gtcattgctc acggatgtgg 240  
 cttttgtcac ggtacctcag gatgataatt tcggtaaaaa gcgcagttac atcctaactg 300  
 gagaccgga tgagcatatc cgagtctctc gctatccaca ggctcatatt atcgaagggt 360  
 attgcctggg ccatactgca ttcgtcacca agctctgcat tccccaatat gctccagggt 420  
 atctcatctc tggcgaggag gacgattatt tgctgggtct gaagtggagc gaaggccgta 480  
 tcctacagaa ggttccttta gtgaagcagg aatcagagac cacacagggt acagttcgtg 540  
 gaatttgggc gacatcaatc ggtggatcga atatagtact agttgcgctt gaggggtcct 600



caaattctgca atgcttcgtg cttggctcgg atggcacatt aaaaccacaa gacccaatcg	660
agatgtctgg caacgtatta gaa	683

<210> 5331  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5331	
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aattttaattt cgctcaattc tttacgacat tctttgattt tcttcatttg actactattt	120
cttaaaatgg cgtctcctcg tgctgcctcc cccctgacct ctggtgccga gtctgggcca	180
gactccaagg cttctggctc tgggtgctgg gctgctcttc cgtggcccgt	240
acctctctc ccaactctcc cgggtggtcct cgagctgctt tgcgtcgtcg cgcgggtgcc	300
gaccacaagg agtctctgcg caatgccaga cccagctcga ctgcgcgtgc cgggtgccgt	360
ggctcttccg gtacctgct caagctttac actgacgaga gccctggcct gagggtcgac	420
ccggtcgtcg tcttggctcct gagcttgggc ttcactctttt ccgctcgttg tctgcatgtc	480
atcgccaaga tcaactcgaa gttttcctcg tgatcaacga cgttgctgtc gctctcgcca	540
tactctctt gcctgcctcc agcgacatct ggggtgactg aatgaggttc tgagttagca	600
gggatgtttt gctatgtata gccggctcct gctcctggaa cgaatttggt tattctgtga	660
gagtcgcttt tg	672

<210> 5332  
 <211> 688  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5332	
cttctccttc gactagctat tacgtatact aaaaaggtaa agaagcaaatt cacctgggca	60
gttgtgtttc gcaatggcaa ccgaggaaga ggctttgtac aagccttatg atcaattcat	120
cctttttggg gattcaatca cccagatgtc cagcgacccc cacatgggggt tcgggctatt	180
cgcagcactg caggatgctt acagcgcgtc cctggacgtg atcaaccgtg ggtttgggtg	240
ctatacctct ggccatgcca tcaaagctct tccaagttc ttcccacac cggaanaagc	300
cacagtgcgg ttcattgacta tttcttttg agccaatgac gcatgtctcc ccggcagtc	360
tcagcacgtc ccattggacg tgtataaaga gaatctgact cggatcatac aacatcctgc	420
aacagtggcc caaaatccac atatctcct gctgactcca cccctgttaa atgaatacca	480
actacagggg ttgcagcaat ccaatggcaa ttgcccatec cagcccgacc ggcgctttta	540
ctaaggaata tgccgaagca gtcccgcgaa tcggcggctc tctctgtggt ccccgtagtg	600
aagtatggaa aggatttatt gtttgcttgt ggcttggaa gaggggccaac cactaccgg	660
ccttagaaaa tttgccaat ttgatct	688

<210> 5333  
 <211> 1231  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5333	
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cggagagctg gtattatttg attttcatag cggcccgcat cttacaacta taaagccgcg	120
cttcgagctt cacaagacat gtttgaagg ccagattctg cttcagctac cttctttgaa	180
cataatatca tcataaaatg ccttttgaga agcctattgt tgttggtact ggtgctacgg	240
gcggccaggg cggctcagtg attgatgcat tgctcgagtc cggacgttat caaatcgtg	300
ccgtccttcg caatctcacc ccagcgaaaa ctcagcctct acgtgaccga ggtgttgaga	360
ttgtccatgg tgatcttaat gatgaagcca gcttgggtga ggccttcaga ggagcacatg	420
ctatctttgc cgtgaccgat ttcttcgagc cattcatgaa atacgggtcca caggaggccg	480
agaagcgtga gttagccag gcaaagaacc tggccaaggc cgtctgtgag actagcgggt	540
tatctcacta catctgggtc acccttccat cgtctgccac actgtcccag ggaaaatacc	600
acacgcccga ctttgaatca aaggccagtg ttgatgagta tatcctgaag caattcctg	660
atcttgacgc caagactact tttctctggg ttgcttacta cgcgtccaac ttaacgttcc	720
cgtctttcac tccagctctg ctcaaaacca gtggcaata cgcctgggtg caaccgggtg	780

gaccatctac	tccaattacc	actattggag	accatcgaaa	gaatgtggga	atTTTTgtcg	840
aggcggttct	tagacagcca	gcgcttactc	gcggaaggta	tgttcatgca	gaggtggaaa	900
cactcaccaa	cggagagcta	ctcgagcgct	ggggaagggt	caccggcaag	ccaacctctt	960
atgtcccaag	tacactagag	gcgtataatc	agctgtttcc	agcctggggg	ttggagatgg	1020
gcgtgatgtt	gcaatttttg	gaagccgttg	gagaggcctc	gtggaggaaa	ccgggcgtca	1080
tgcttctgcg	caaggacgat	ttgggcattg	atactgcaca	tctcactggg	ctggacactg	1140
cttttgcgca	aattgattgg	aaccaggttt	agatatgcat	cgaagttcga	actgcctggc	1200
agcataatcc	tgagattgat	tggttccccg	c			1231

<210> 5334

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5334						
ctgctgggtc	ctccagggtg	ttctccatt	cattgtcatg	tcattgcgata	ccgggagaa	60
attcttaagg	ctttggcgc	tctggtgcct	ttcaaggatg	aataccgcaa	gactatctgt	120
gacaatgggg	tagtcccc	tatcattgat	tcgctcaa	cgtgcccga	cgatcctcga	180
gacacatcta	atccgaaaa	cacgcgtgct	gatggcaacc	ctacaccaac	cctattagca	240
gcttgtgggtg	ctgcacggat	gctcactcgc	tcgggttagcg	tattaagaac	cagcctgatt	300
gatgctggag	tagccactcc	tttattcacc	ttaatccggc	accaggatat	agaagttcag	360
attgcgga	cgtcagttat	atgtaatctt	gcgctggact	ttagtccaat	gaaagaggca	420
attatatccg	cagaggctct	tccaacatta	tgtgagcatg	cacattctac	gaacacaagg	480
ctccgaattg	aatcgctttg	ggcgttgaag	catgtagcct	ataactcgac	caacgatgtc	540
aagatgaagg	tcattaacgg	cttgggacct	acgtggatcc	agcaaatcat	aacgcaagac	600
ccaattagtg	ctctagctaa	acgaaggctg	gatgatgaga	tggaaagcgg	cac	653

<210> 5335

<211> 606

<212> DNA

<213> *Aspergillus oryzae*

<400> 5335						
ccatagccaa	gttcttcccc	catgaatacg	gtggcgacat	catgtcggag	atttcgtgtg	60
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tgaccttcac	cactaccatt	gctccgttta	cacaagacca	gatcctcccc	aagatccaag	180
cctcagcaca	agcagcagca	aagcagtgct	ctggtggcga	ctccaagacc	gactgtggac	240
gaagctggta	caagcaggac	aagtgggatg	gttcaaaatc	gctggagtcg	gacatgagtg	300
cgctgagtg	cttgctcgcc	accatgatcg	ctcacaagaa	agagcaccaa	gcacccttta	360
cggcggagac	cgggtggcacc	aacaagagta	atcccagcgc	aagctcgggt	cacaaagatt	420
cacagaccgg	taccgccc	cccgatcacc	actggtgatc	gggcccgggc	cttgattgtg	480
acgttctttt	tcgctgtgtg	ctggatggcc	tccgtgagct	tgatgggtta	ttgaggatag	540
tcaagggaact	ttgtcctttt	gccattggaa	ttcccgcctg	tacagaacct	tgatagctt	600
tagggt						606

<210> 5336

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 5336						
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aaacactgtc	caagtttagt	atcatcgcca	tgcaagtccg	tggtcggcat	cgtgggtctcc	120
cctactcact	ggaccgtgcc	atcctgcttc	catccgaggc	tttgaaccac	catgaaattg	180
cggatgcaga	gcgtcgaatg	cgccgcogtg	cctccagtct	cagccagatg	tctgtggatc	240

accggctgtc	ccaggctcag	gagaacggca	cgtctaccgg	gcttgatccc	cgagataaaa	300
acacatccgc	gtgggttcagt	gggagccctt	ttatgcgtcg	ccaatctacc	atgcgatcac	360
aaagatctca	gcggtagtgc	tttggctatg	aaattagatt	gatttcctag	aagctctctt	420
gctttatcgt	gaccctcact	ccaatggctc	taatcttata	tgattgggtg	taacatttgc	480
tttcgggtgt	gtagaccttc	tggtactggg	ttacatctgt	ctttgagcgt	cgngtctttt	540
agtgtatcat	tgctcgaacg	tctacaatgc	tttcctncct	aagggtgaat	agtgtggctt	600
tgtgcggcaa	tttaaggggc	taggtttctc	ttcttgata	tatcccaatt	aaaagccccc	660
ccgcaggctg	tgggtcta	ttccccaaa	aaa			693

<210> 5337

<211> 783

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 5337

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agcgtgtcgt	ctacggcaag	cccgagcgtg	ccacctacac	ctacgccgat	gaggtcctca	180
agtcgtggat	ggagcagatc	cacaacgaga	accgtctccc	ccagaacatc	tacatggttg	240
gtgacaaccc	ggcttccgac	atctgcggtg	gtaacatgca	cggctggaac	acctgcttgg	300
tccgcactgg	tgtcttccag	ggtggtgaca	acgatgagaa	caacccccgc	aacttcggtg	360
tcttccccaa	cgtcttggag	gccgtcaagg	ctgccgtccg	caaggagctt	ggcaaggagt	420
tcaagttcaa	gtggaacccc	aagggtgaacc	ccgttaccgg	cggtgacagc	ggctccgctg	480
tcgaataaac	gacgatcatg	cccaaaaactt	aaaaggaaca	aggaactcac	gtttccctgg	540
cgtttggttg	attcctttga	ttttctttta	tctactctat	ttctttttctc	ccactttgat	600
gctaccaaac	agcgtctttc	atcttttttc	acgggtttga	acttttgata	tccattgtca	660
ccatttcgcc	tgaaaccaca	gtgcgatggg	tgattcattt	cctttacatt	ctttcaatta	720
gactgggatt	cttntatgt	gnannaaann	nnnnnnnnnn	nnnnnnnnnn	aaaattctgc	780
ggc						783

<210> 5338

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 5338

atactaggaa	tacggttttc	atttcgattc	ggaggctgat	ctctcttcca	aacatcggcc	60
ggtctgtctc	gatcgtcg	ttccatacgt	cgatcaagtt	catcgcgacg	ttcaaattctt	120
tcacgacgat	ccaaatcccg	gtctcttttcg	cgatcacggc	gatcaatctc	tcggtcgcgg	180
tccattatac	gttctctctc	acgatcccga	tcgcgatctc	gatctcgttc	gcggtctcga	240
tcacgctcgc	ggtcgcggtc	cctatctcgg	tccataatac	gatccctttc	tcgatccccg	300
tcccaccggc	catcgcgta	acgacttcga	cgtcgaaagg	aatcacggtc	gtccagataa	360
ggaatgcggc	cgcgcccacg	tccgatatcc	caatctcccc	gcccacgacc	acgcataagg	420
ccgcgcggg	ggtgatgacc	gggtcctgag	gatgggatgt	cggctgtagt	cgatgatact	480
gaaatgagga	tgtctctgga	gccgcgtcgc	attcgcacca	gatctgggtc	tctgccaata	540
ggctccctca	tgtcgcgaaa	ttcccaggag	gcggctggga	acgggagcga	ccgcgaacga	600
agccgatccg	ggaatccctt	gg				622

<210> 5339

<211> 631

<212> DNA

<213> *Aspergillus oryzae*

<400> 5339

cctgggccct	gctgcatctt	tttcacatca	tgctgctggt	gagttctttg	ggaagtctgc	60
------------	------------	------------	------------	------------	------------	----

tgaattgtta	ccttgtgtat	catttacgga	cgctttcacc	gcagtgaac	aggggtgaagc	120
agattatgct	atcattcctt	gcgaaaactc	aactaacggc	ccagtcgttc	aaactctcga	180
cctcctggca	gaccccaacg	gtttttacga	ggacgtcgag	gtatgcggcg	tgcattatct	240
gacagtgcac	cattgcctct	tggcccgaag	agggtgtatt	tccagtcaac	aggattatgg	300
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gaaatacttt	agaagcattg	aaaggcagga	tgtctcatca	acttccaagg	ctggggagat	420
tgtttcaaaa	gcaaaaacag	aacaaagcgc	tgcaatagct	agccgctttg	ctgctgagct	480
ccacggctcg	gatgttttag	aagagaatat	cgaagacaaa	accgataata	caacgcgctt	540
cttgggtgctg	aggaacaaaa	actcggggccg	cacagcgccg	cgccctttcg	gagacttgga	600
taaccgccgc	gtgcaaggag	catctgcggc	a			631

<210> 5340

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 5340						
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gatcaactgc	tagctatgaa	aggccgctac	gcaagtatgt	ggcgggaagca	aatacgagcg	240
cagagggcag	cggcggaggg	ccaagtactc	caagatcgcg	cccagcgctt	gcgcagtgcg	300
tcaacctcgg	gcgctgtagg	agatgatagt	tctagtcagt	ctgacgagga	ccggaatggg	360
aacactcacg	cctctgcggt	ccgacagaca	cagggccatc	actggcccgc	gcacgatcaa	420
aaagcataga	gcagaacctg	gataagtcag	cgcggggagt	tatcccaggc	gttgttttca	480
gtcacatata	aagagcttat	acttagagtg	tccgagggat	gatataccag	tctaggggtg	540
tttttggect	ttttttctct	tncttttctt	ttttctcctt	tttctctctt	tttttttttt	600
gggaagatgc	gcttaccagg	aacacttttt	aatattattt	cttcccattg		650

<210> 5341

<211> 724

<212> DNA

<213> *Aspergillus oryzae*

<400> 5341						
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ctttgatcta	tggcactgta	cgctgcacat	gaggcatgaa	gccataatto	taatgatgat	120
caaaattttac	ccgcgtggcg	ttctggggag	tattgaggtc	gctgcaggaa	tcatgcacgt	180
tatcttgcctg	ccgctcacga	ttgcagtatt	agctattgtc	gctccacgaa	acccggactc	240
ctttgtgtgg	gagacttttg	tgcggaggact	tagtggctgg	aaggattcgg	gtgttgtatt	300
ctccattggg	cttcttgggt	tcattactcc	cttagctggc	ctcgacggag	taatccacat	360
ggccgaagaa	gtcaaaaacg	ccaaagtggg	cgtgcaccgg	gccatgatct	ctcgacccat	420
gatcaacgga	acccttgctt	tgcctacact	catcgacagc	ctgtactgca	tgggcgacta	480
caccgagggc	gtgctgagcc	ccacgggcta	ccgcatcatc	acaatcgctt	accaagccac	540
gggtctcaaa	gcagcaacct	acgtgctgat	ggcgatgggc	atgctccccg	gctggatcgc	600
cctcttttaac	gggtctgcct	ccgtaaccgc	cctcacctgg	gcattcgcac	gcgataacgg	660
cctccccctt	ctcgacttct	tgcgccgcgt	cgaccacaacc	ctataaatcc	ccctccgcgc	720
tctt						724

<210> 5342

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 5342  
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 gnctaccgcc aggnctacagn cattctagcc cagagtactg gatcaaagct ggaacgcttg 120  
 tccgcgacac ccgaaacgat atcgtgaaga tgggaaggcat ctatgccacc ggcgggaata 180  
 accatactaa cattgaggat gtgcgtgcgc ccctatggta ctagggggta agtgggacat 240  
 gccctgatgc cgcggaagggt tgggtcaaaa ctacgggaat gagcgacgag tttgtgagtt 300  
 tcggtagaaa ttaaagtatt aggggaatgg aaatagggga aggaaggat ggaagtgtag 360  
 ttaaggaaaag agggaggagga tgggtgcctt atgcatctaa cgtatgtaag cgagggtgtgt 420  
 aagggtagtg ttatgagtga aaggtaggag tggacggatt agtaggtagc ttaggccatg 480  
 attagtgatg cgatgttggg tatgggttag atgtgcgtat gacgtaagggt aatggtgata 540  
 taatatattga taagttaagg tatagggttg gtaataaacc tatagtcggt cggtgattgg 600  
 aaggtaaata tatgaatata cgttaaggat aggatataag tccatgtgtc atgaggaata 660  
 tatagtaaca gtaggtcaaa aggatgggta tggtaagggg ttctgttaag gaagg 715

<210> 5343  
 <211> 575  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(575)  
 <223> n = A,T,C or G

<400> 5343  
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 cccgagcaag atgtcaagcg atttttgtgt gggcagaggg gttgttttga catgaagcga 120  
 cgactgtcga agccggctag tggacaataa ataactgacg tgggtttttt ctctgcaaac 180  
 agtcaaggac aaggcccagc acgcccgttg cctcgagaag accgtcgctg agcgtctcaa 240  
 caaggacgtc cagtcctacc gtctcattac cgtcgccacc cttgtcgacc gtcttaagat 300  
 caacggctcc ctgcgccgta aggtctctga ggacctcgag gagaagggcc agatcaagaa 360  
 gggtgtcggc cactccaagt tgaacatcta caccctgccc gttaccgctg agtaaaccgtt 420  
 tcctcactag tcttttctcg cggacccctc atattttacg aatgatatac ctcaaaattc 480  
 ggaagcttgg ctgggcaaat gatgtatagt ggttcaatga atcattcaat ttcggagtga 540  
 annnnnnnnn nnnnnnnnnn annnnnnnnt ttcct 575

<210> 5344  
 <211> 640  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5344  
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 ccagaatgtg gaaataacct tcccgttcgc tgatgacgtc cgtcaaaacc ctgaaaccac 120  
 actccatgtt gcacctgacc attgatcgat caaatgcgga tattgtccag caattgcaac 180  
 ttccaaaggc gtcttacgac ccctttaagt accctaattc atccctccaa tggcattatc 240  
 gcattctaca agccttggcg ttggatgagg acctcccga gaagccagaa gacaaaacgt 300  
 tgcccagata tcggcagatc gataaacgca ctggcgacta tgtattgtct tgggcccagc 360  
 agttggaaaa gcaatacgcg aaaatatcgg cacatggccc gaagagcaca ctctgcaaac 420  
 gaagcgccaa agaccgaaca tctgaagtcg aggatgcagc ccagaagcca tacaagaaag 480  
 tgaaggtgga gacagacgag caaggcgttg aagatgtagt gcgagcccat taccagaagg 540  
 gatcgctatc gaagcttacg gtacctgtcc tcaaagactt tctgaatgcc catggacgct 600  
 ccgctgctgg gaaaaagctg atctcgttga gcgtggggag 640

<210> 5345  
 <211> 979

<212> DNA

<213> *Aspergillus oryzae*

<400> 5345

cattaatatt	tactatcatt	gacttgacac	tactaagtgc	ctccgaatca	cttctgatac	60
accaccaa	cctcaattat	tacgcgagtc	acttcaaaac	atggctttct	tctccaat	120
ctccggcgac	tttgctcctt	tgttccattt	acttgatgac	tatgatgtcc	atcaagcata	180
ccgccaaaag	ccaaggacta	caactgttcg	ctccttcaca	cctcgatttg	atgtctatga	240
actaaacaac	aattaccatc	ttaatggaga	actacctggc	gttaaccaag	ccagtctcga	300
tattgagttc	accgatcctc	atacgttggg	cataaagggc	cgctggagc	gcaagtacag	360
cgacagcaca	tccagtacca	acgagcatgc	tgaagttccc	aatgatgctt	cttctgtcaa	420
gtcactccaa	ccaacagtcg	aagatgaaga	tgaagaggca	aatgatgcag	catctgttgg	480
ttcatcagcc	caatcttcaa	agcaggtggc	cctccaagag	cagaccaacc	acaaatattg	540
gatcacccgag	cgcccggtcg	gcgaattcca	tcgagccttt	acctttccga	cgagagtaga	600
ccaagataca	gtcaaggcta	ctctgaaaga	tgggattctt	tcggtcattg	tcccaaagga	660
acctgcccct	acgtttaaaa	aaattcgctg	cgagtaaat	gccagctgtt	gggcctttac	720
agtaccgatg	atggggctcg	tccgatttga	caccggactc	tctaataata	ctccattata	780
aaacttggaa	gatgtctata	ggagactttg	aagacgggtg	actgagtacg	ttgagttgcc	840
atgctacggt	tggtttgagc	attaacgggt	ttgcgggtca	tttggttttg	tatttgggat	900
tctatgtatc	ctcgttgttg	tatgacttgt	attatagaca	aattttatga	cagtttaata	960
aagaattgat	atacttttg					979

<210> 5346

<211> 1056

<212> DNA

<213> *Aspergillus oryzae*

<400> 5346

cttgcat	aagttcgtct	ttcaattcta	atcattttcc	aacccatcca	agaccatatac	60
aacaaaatga	caacaacaaa	tatcaactat	agcgcccttg	aacaaggcta	cgacctcgaa	120
atcaacaaac	tcaccccggt	tctcaccaaa	cgccaacaaa	tcacccacga	gctcaatcaa	180
ctacaaaccc	tccgcgactc	gaatctctat	tccgcacagc	aagccctcct	caactccacc	240
accgtgtcag	acgatcaatt	agcccgcag	gaactcgacg	atgtccgatc	cagtatcaat	300
aacacactcc	aacaagtccg	cactctggta	gatgagctta	gatatcttgc	ggatccgagt	360
gatccgcgcg	tgcgggcaca	ggtcgatgct	acgaagaacc	aggtgcaaca	ggcgatccag	420
gattattatc	ggtcgcagac	ggagtttgac	cgtgcgctcc	gcgaccaggt	gtggcggcga	480
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gcgcaagctg	ctgttatgga	gcgatcagct	gccatccgca	agattgaaca	agacttaatg	660
acccttagcg	agctttcaca	gcaagttgcc	gagcttgctt	gctcgacga	accgatagtt	720
gagaagatcg	aggaaaatgc	ggaggaaacg	cgattgaact	atgagaaggg	caacgaaaaa	780
atcggccatg	cgatcgtaag	cgctcgtaat	cgagggaaat	acaagtggta	tattctgctt	840
gtctgcattc	ttattatcgc	tatcattgtg	gctatatgtg	tcgggtgggtg	caaactctacc	900
gaccactgtt	gagcaggtcg	atgatccagg	aatgaccgag	agcgtgataa	aaacgccttg	960
gctatgaaaa	gatatgtgtc	tatgctttac	ttaattttacg	actattggct	cctacatggg	1020
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<210> 5347

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5347

gggcaatatg	gcaactgcgt	cgcttttcatt	tacccccacc	tcgcagattc	tgccccgtat	60
tttcatggcc	tccgaagcta	tatctttcgt	cggaggacga	tgtctcga	tctggcagac	120
ttccgggcag	acttccctcg	gtttttctcg	caccttttg	aaacctgccg	cattgtcgtt	180
gaatataccg	gaactcctgt	ccgatgtctg	ggactctgta	cttcgagccg	taccgaaaaa	240
gaaaacatcc	cacatgaaga	aacgtcatag	acagatggct	ggcaaggctt	tgaaggatgt	300
caaaagcctc	aacacctgcc	ctggatgcgg	tcaaataaag	cgtgcgcatg	ttttgtgccc	360
acactgtgtt	gagaacatca	aaaagcaatg	gaagcaaacc	caaaccgctt	aagaatgagg	420

actggacagt	atcagtgaag	gcgaggaaa	cgatggctta	ggtgtgcttt	tgaggcttgt	480
acttttacta	tacatgaagt	gttggatata	tatgctgcat	ggcattcggc	gtctggttct	540
ggcagggaaa	tttacgtgtt	ggtttacaat	attatttgcc	aaaaaaatat	cttcaatcga	600
atggcaccat	ctcgtactct	atttg				625

<210> 5348  
 <211> 660  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5348	
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cttagacatc	gaacatccac tagtagcatc tggagacttc gacctcccag aaaccaacgg 120
atacgaccca	gacacagcca ccttaacaac cgtattccgg cactgcatca cgacgccctt 180
gcagcgatta	gtcgcggccg taccagcat cagcatcgtg atggttccct ccgtccgcga 240
cgccgtgagc	aagcatgtct cctggccaca agagcagctc ccgaagaagg aactcggctt 300
gccaagcaa	gtgcgcattg tttccaatcc agtcaccctg tctttgaacg agactgtcat 360
tggcttgtgc	tcgcacgacg tcctatatga gctgcgtaga gaagaggctc tgcacggcaa 420
acccaaagaa	ggcaatctgc tcacccgggt gtcgaagtta ctcgtcgaac aaagacattt 480
caaccgggtc	ttctcgccat cgtcacgaga cgccctcccc aaaccagcga tcgagaacgg 540
actagccacg	ggcgccacct tggacgtcag ctacatgaag ctaggcgagt ggtggaacgt 600
ccgaccagac	gttacaaacg tccgcagcat gctgccaacg tttgtcaaag tagtagacag 660

<210> 5349  
 <211> 693  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(693)  
 <223> n = A,T,C or G

<400> 5349	
cgcctacat	gcttgtgttg accggcaacc atcgtactgg tgcaagggcc gtatctgctg 60
ctcgtcacct	ccgtaataga gggcaccgtg tgactgtctg catgcttggt attgaacacg 120
aaaatgaatt	actcgagagc tgccgcaagc agattgatgt cttcaagaag atcgggtggac 180
gtgtgcacag	atgggaagat ctatcaacgc ggctttcgac ctctgaattc agtcctgac 240
tagtcctaga	tgccctattc ggcattcaca tagcctttga tgatctccgc accgacgac 300
aagctgtggc	ctttgagatg atcgcttggg ccaaccgaag caacctcgaa gttctatccg 360
ttgacgttcc	atcgggcttt tcagcttcga gtggtgaggt gactgtaatg gagggaggcc 420
gtgtgtgcgt	cagttccaaa tcagtagtct gcctcggggc gccaagact ggaattataa 480
atgcattgct	agccgngag ggtcttactt ggagcctttc cgtagcagac attggtattc 540
ctcagattgt	gtggaggaag tatgggacac gtcgccggca cggaattgac tttggcaatc 600
gctgggttgt	gcctctacgc taccagccat nctctgcttg aaattgctcg tgtgtggtag 660
cccatgccct	ttgcttgacg actgaactgc ttn 693

<210> 5350  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5350	
cgagatcttg	tgcggcatgt cagtatctct gggccggata aagacaagat caagagtcta 60
aagcatgtca	atcgaatgat caagcagttc aatcatctag catttttcgt tgctagtgtt 120
atcctcttcc	gagacaagcc caagcaccga gcgaaggcat tagaaaagt catgaatgtt 180
gcacaaaaac	tgcgtcgatt aaataactat aattccctcg gtgcagtaat cgccggaatc 240
aacggaacac	cagtgcacgc actgtcgcaa acgcgcgatt ccgtgcctgt tcaaacgcaa 300
aaagatttca	tgaggctggt tatcctcatg ggcacacaaa aaagtcactt tgcttatcgg 360
ctagcatgga	acaatgacct ttcagaaaag atcccattcc tacccttga ccgacaagat 420

ttgggtctccg	gtgaaaaggg	gaacaaaaca	ttttgaggaa	acccgaagtc	taggatcaac	480
tggcggaat	tgcaggtgat	gggggaggtg	gtttaggttt	ttagcgcagc	ccaaaaaacc	540
cttatccct	ttgcataagt	tgaggaaaca	cccagcctgg	gccttaattc	aaatttcggg	600
tgacataagg	gatttatatg	cccgctttc	ccatggggac	cccttccttg	ggggggaaaa	660
ggggggccaa	aaat					674

<210> 5351  
 <211> 659  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(659)  
 <223> n = A,T,C or G

<400> 5351						
ccacgtcagc	caccacttgg	ttaaaaatag	gcgccagagt	tgctgtttct	gaaaacttct	60
tttaaccggt	ttccgcaatt	gagcctattg	ccctgcatca	tgggcgcacg	cgatgaaaca	120
ccccagacca	cgaacgaggc	atccccacg	ccaatcgagc	ccccaccta	tgggggactc	180
aacgcctgga	cacaggcagt	gatggggccac	atggtgtgct	tcaacacatg	gggatacatt	240
gccagctttg	gggtgttcca	agcgtattac	cagagcagtc	taggtgtatc	ctcatcggca	300
atctcatggg	tccgatccgt	gcagatcttc	ctgatcttct	tcatcgggac	gttttcaggc	360
cgcgcactag	acgccggggt	cttcgcgcgc	gtctactata	caggggtcct	cctgcagcta	420
ctgggagtct	tcatgacctc	tctcgcgacc	cgctattggc	agctctttct	agcccaaggc	480
atctgcaccg	gcctgggcag	tgggctgcaa	ttctgtcccg	taatgggatt	ggtcgcgnac	540
tacttcgcca	agcgcaagg	ctttcgcttg	ggaattggtc	tcgtcggaaa	gtggaccggg	600
gcattgctct	ccccgggctc	gtcaaggccc	tcaatgccc	catcggtctt	tggtggac	659

<210> 5352  
 <211> 632  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5352						
cctttcgctg	cccttttcgg	cggtaatcca	gcaatggg	gcgcgaaccc	gcccagtaca	60
tcaactgcga	cgggtaccgg	tcagactgag	actgcacaga	gagcggtgg	agatgctgca	120
gggggggata	ctaccacagg	agagggtcaa	aaccaacaaa	atgctcagaa	tccattcggg	180
ctccttttca	accccgccat	gttcggggca	caaggcggtc	aggtgaaccc	tttcaatccc	240
caacaaaatc	ctttccttcg	cgatccccgt	ttattatcgc	agatgatgca	ggcaatgggc	300
gcaccaccag	gagaagctgg	cgcaggtgga	cttggcgcca	atcccttggc	ggcgctcctt	360
ggaggcagtg	gatttggaa	ccccctcca	caggacaacc	gaccgcctga	ggaaagggtac	420
gcagaacagc	ttcgccagct	caatgatatg	ggcttctatg	agtttgagag	gaatatcgaa	480
gcgctgcgac	gagcaggtgg	cagtgtacaa	ggcgcagtg	aatatctgtt	gagccatcct	540
tcttgagttc	tcacaccgat	ctgtaatggc	gtgttggcca	aacggccttt	cttcgtggag	600
cgattgtttt	cattgacggc	ttctacttta	tg			632

<210> 5353  
 <211> 1242  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1242)  
 <223> n = A,T,C or G

<400> 5353						
tgtcgggtgta	ttgcttcata	ttcctagctg	ttacaacgct	tctgggaatc	agaatgcata	60
ttaaatcata	cttatctgct	gccctttatg	ggctaccgac	actggctcta	gatgcggccg	120







<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 5358  
 cctcgtttta gataagcatt ctttcttcgg tggcaactcc accaaggcta cttcgggtat 60  
 caatggcgcc cttactcgca ctcaggtcga cctgggcac caggacagcg tcaagacctt 120  
 ctacgaagac accctgaaat ccgccagaga caaggctcgc cccgagctca ttaaggctct 180  
 cacatacaag tccgcagccg ctgtggaatg gctgatggat gttttcaacc tcgatctcac 240  
 ccttgtttct cgtctcgggt aagtgatgta atccggtgaa tatgacaact cgatcttcta 300  
 acgggtgtcg agtggtcact cccagccccg cacacaccgt ggtcacgatg ccaaattccc 360  
 tggcatggcc atcacctacg ccctcatgca acggttagaa gagcttaccg agaaggagcc 420  
 cgagcgtgta cagatcgtca agaaggctcg tgtcacctct gtcaacaaga ctggcaaacac 480  
 cgtaactggg gttacctatg agtacgatgg cgagacacac accgcccagc gtattgtcat 540  
 cttggccact ggtgggttat cgcgaaactt cggcgacggc tcccttcttg agcaagcacc 600  
 gcccgacacc ttcggcctgt ccagcacgaa cggcacacac gccacttntg atggtcaaaa 660  
 gatgttgatg gagaatggtg ccaa 684

<210> 5359  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 5359  
 tngagaatga tcagggctat ctacagcaat ggtcgatagc taccacagcc tccgtcacgg 60  
 ggctggcggt cgtgacggtt tgcctccgac tgcttgacg ttatgaaagg aagcaaaagc 120  
 tatggtggga cgactacatg atcatatttt ccatgttatg gaacctagtc gttgtcggat 180  
 ttatttacgc catgataaaa gaaggaatgg gtcttcatgc cgacactatc ccaacgagta 240  
 acgtcgtcat gatcggaag ttcctagtcg tggccgagat tctttacgta ttcaacctcg 300  
 tctggacca gctcagcatt ttactcatgt actaccgcat ctcccggttt ccctacttca 360  
 agacatgggc atacatcatc ggcaccttcg tcattctctg ggatcatctg atcacattcc 420  
 ttttcatctt catctgcgta ccggtcgaga aactatggta tccncaaate cccggccgat 480  
 gcatcaacca agtcgggaca tggatcgga acgcccgtct cacaatcgc accgacatcg 540  
 gtatccctac ttctctaate ccccaagtct tgaggcttca acttcggctt tncgagaaaa 600  
 tagcggngtc aataagcttc aagcttggct tcttcggngg ctccgcttcc gctacggttt 660  
 ntaagncttt ttaactaac 679

<210> 5360  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5360  
 ggcgggtatgc cagtcttttag aaatcgacca cccggaaaca ggtctccaaa tcaagcgcag 60  
 tacttgatgat ggccacaaaa gcaaactttg ttgatatcgt caagcttttg gtagatgcag 120  
 gagttgatat caactaccag gatgagcaag gcgaaaccgc gttacatggt gcagcccgat 180  
 ttggacatca tatgtgtgcc aagatcttgt tagaggcgag cgatgaccag aaggcggata 240  
 ctgaattggc tgagcatatc tactcttgga cccactctt cattgcgagt gttgatggat 300  
 ctttgagcgt tgtaaacctg ctgattgaag ctggtgcaa ccttgaaaaa gctgactcct 360  
 ccgggtggac tgcgaaggag catgcggcgt tgagaggcca ccttgacatc gctcgacgtc 420  
 ttgctgagct tacgcctgag cctgaagtca cggaagctga gcctgtgata ccgattcctg 480  
 gtagcttctc gtctcctcca gcccattct ctttgatcga gcgaagatct aataccaaca 540  
 cgcccttcgg gagttctatc acgcgggatg gtgaacctgt gtaatctttt gacacaagta 600

tcttaccgac gaaggcatac accttgtgag cctgggtaca ttgatatgca caagccctgt	660
tgaacaatt tacccttgat tgt	683

<210> 5361  
 <211> 984  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5361	
aggaattttt tttttttttt ttttaacagt caagttattc attctgtatt tgcgtggagc	60
ctcaggctca tgcacatatg tactcgataa aatataaatc ataaaagcat actccggcag	120
tccccaaggc caatggccat ctgcgcatcg gctaattgtc caaaaatcgt atcaatccaa	180
ttgattgatc ttcattcttta tgtattcgaa gatactgagc aagatcataat tgtttacccc	240
agtacggatg aaaataatcg aaagtccttt atacatactg gacttggcaa cgcagccga	300
cgcctcccag acttcgctgg attttccgag caacacgctc tggacacggg tctttcgagt	360
atcaagtgga taggtacaaa accacgggac agtgctgcaa atcgccccgg aaatcatggg	420
gccgccaaaac ggggatttgt ctgggccaaag ctctttcgat gcgacttgct ttaccgtttc	480
gtagacacta aagtataagc cagaccctaa agtatcacgc agagcgtgca gatgaaagcc	540
ggtgtacagg ccacggattc cgtaacgttg gacgatctgc cgaatggcct cgatggtgcc	600
gagacggggc ttgttacgca atgaggggtc attgaccgag tctggcgagg cctgggcacg	660
gtttgacacc aagaccgagg tctgaacgac attcttagca agctcaaagg ggcctttact	720
caagtcatgt gctgaagctc aggtaaacag atgcaattat tcagtcgtac atgcaagcgg	780
ggaagtgatg agcccagcaa ttagtcacgc agtggtgaac gtcacaaagg tagagacggg	840
aggcgtgctg cccggttgat tgtacataac cagaggagac tcgccagtca ttctctcgaa	900
gaaatctgag atacgatgtt tggcagcgtt atatgtagag aagtttacia cccgaacagc	960
tgtaacactc gctaaaagggtg gcag	984

<210> 5362  
 <211> 642  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5362	
agcaaaaatt attctttttg tcacattctc ttatatagtc aagatatata cgctgttttc	60
ggctgcatac ctatgtgatc gcattctgtt taccccctta tatctgggtc ttgctgcatac	120
cgtcccaaat tcttgaatac tatgcttcca cgatgggttt gagcgggctg cacacggatg	180
tccgccgaaa gatggtgctg ctaggcgaca gggcttgctg tatgaatttc gacttgaacg	240
agttgacaac agggctcttc cccacactat atgagcccac tgtttttgaa aactatgtcc	300
accattatct ttaccacaac tgtacacaag ggattatcgc tctgggatat cgctgggccc	360
gacgtatttg accgattgag cgcgcctatg taccacgcac ccctgtgaat atgctttgat	420
ttaaggggga aagcccagat tttttcaaaa ccttcccac caatgggcct accaaatttc	480
gaaaaccttc ctggggggag aaaagggccc cccacccttc aaaggggctt aaaaaagaa	540
aaatttaata ccttttccc atgttttcaa tacaacaag ggtttaccaa aggcaaagga	600
aatcgggggt ttaaaaacc ctgaaacctc tgccgaaaaa aa	642

<210> 5363  
 <211> 777  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5363	
gattcgactt actagaaatg gtgaccggat atcacttgta tacgcaaata cgaattttta	60
catgatagtg ccattaaacc ctctcccttg actcacatac ccaaaaacga ggcataagcg	120
gagaaacacc atggcggttca tcaagatcga aatcatttca gacgcaatct gtccctgggtg	180
ctacatagga tatcgaaacc ttcaaaaggc aatctcctta taccgcaaga cctaccccgg	240
cggctcgaaa aacactatag aagtgtggtg gaaaccatac ttcactcgacc aagaaccgcc	300
aaaggaaagc atcttaatac aagaccgtat gctccgccgc atggatccca aaatggtagc	360
agcggccccag acccgcttga agcgtgtagg tgcggatgcc gggatccgat tcaagcttgg	420
tgggtatatc gggctgctta gactagcaca tcagctgctg tatctggccg cgcgggaggg	480
gagtgaagctg cagtgtcggg tttcagagtt gctcttccac taccagtttg aggaggagac	540

cgatattagt	caattagata	ccgtgattgc	tggtggggta	caggctggac	ttcgtgaaga	600
tgatgtccga	gagtggctag	ctagtagtgc	tggagtggcg	gaaatggaag	ctgaagcgaa	660
gaaggcaagg	gctgatggag	ttactggtgt	gccccatttt	tgtatcgggg	gaaagcatca	720
tatggagggt	gctatggata	tgtccgaact	gtttgaacct	tttgtgctgt	tagaaaa	777

<210> 5364  
 <211> 640  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (640)  
 <223> n = A,T,C or G

<400> 5364						
ctcattttaac	atccggttgtt	caggaagacc	aacacaaagc	aatggcttct	acttacgggg	60
actttcgtca	cttgctacct	agcaattaca	aacgcctgat	tacttcctgg	ctcgaagagg	120
actgtcccag	ttttgactat	ggcggtttcg	tcgtcgggga	gtcagatggt	gaggcaagggt	180
tggtggggaa	agctaaggga	gtcgtttgcag	gtgtcccttt	cgtcgatgaa	gttttcgctc	240
agttaagatg	cacagtggaa	tggcacgtcc	aagaaagcga	gccaattga	acctatcaaa	300
cattgcgcca	caatgcgcgg	gcctatccgc	aagacctnct	tcgagaacgt	gtcgcctca	360
aaatctcccc	cgtgggtccc	tatcgaaaca	aaaaccgcct	gctaagaact	gctttcctgc	420
ccacagattg	agtggaaacg	ttgctggcac	ccgtaaaacc	caccctgaat	tcccgtaggc	480
aaaaatttgg	aatttttatt	gaagggccca	accacaccgc	cttaacttaa	ttcaaaaaca	540
aagctgaaag	ataaccccc	gttgggcttg	tgcgaaataa	ccgggggggt	aaagatgggg	600
gcgggtcctg	gttttaacca	aatccgttcg	agtttgtttt			640

<210> 5365  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5365						
ctgagcgact	gtcaagccgt	attgacctcc	cgaagggtc	atataatccg	atatactacg	60
ctgcatctac	caaccgagtt	aatctcatcc	gtgaccaaac	caaaatcacg	cgcaacgcgc	120
cacttgagcg	ccgccgagtt	taagtttcgc	ctgcaacggt	cagaaagcag	tgctcgttca	180
gattctcaag	atgccaaaat	tcttctgtga	ttattgtgat	gtgtacctca	cgcacgactc	240
gatgagcgtg	cgcaaggcgc	acaatgcagg	aaggaaccat	ctaaggaacg	tggtgggata	300
ctaccaacaa	atcggacaag	agaaggccca	atccgtcatc	gactccatca	cctcgtcgta	360
tgccgcggaa	ggccatgccg	taccgaacct	cgcgatggct	cccccatggc	gcttcccccc	420
tccattttcca	ttcccaggac	gtccaggcca	actgcgacct	cctccattcg	gcttccccacc	480
agcaggagga	ccagacgggtg	ccccgggcaa	gccccctcct	cgaggagcaa	gagggtttcgc	540
gttgccaaca	gtcgatcccc	gaagcctcaa	ggtccgccaa	ggagtcttcc	agcgcctccc	600
cgacatggcg	gcatggaaag	gtctgcattc	cgccagggaa	gagacgggta	ttgcctcgga	660
g						661

<210> 5366  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5366						
gatactttga	agccttgcca	acagccatgc	ggaaagacca	agacgatgtg	cgggtcatcca	60
tgcacggagc	cttgccacgc	gccttatcca	tgccccgaga	aaacgccttg	ttcttccatg	120
atcacggtaa	catgtgggtg	cggacgcctt	cgccaggagc	gtcgttgcaa	tgcagcgaag	180
gctgtggcat	caaagggaca	gttgacgagc	ccacaaagat	tgctgtctgt	gaccccttgg	240
acatgtgatg	atgaatgcgc	gcggtctcag	cggaaccggt	cgttggcatc	tgctttggga	300
gttgacatta	acccgtcgac	tactgttgcg	cagaacgcta	ctgcgagtct	tccctattct	360
tctgaaactc	tggacatgta	tatccagatg	tcgtcctccg	ctcctttgtc	taccctccaa	420

tcttatgaat	ctactcttca	ctcattagcg	gctaatacaa	cacaacgttc	tgtacggttt	480
caaccagcaa	agtcattcct	acgggcggtc	gttcattctc	tcgcaactga	ctgggggcttt	540
gcgagcgaga	gctttgaccc	cgaacccacc	cgcattgtgt	tgttttgaga	actacagtgt	600
ggaacactcc	tcttttttgg	atgggcatgg	gacagcgatc	ggaatctgcc	gcattaatgt	660
aacccatgcg	gtaaactacc	t				681

<210> 5367  
 <211> 668  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

<400> 5367						
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cttcggaacg	gtttataact	atcctaataa	ccccgagggt	atgaagatcc	aagccgcccg	120
caacctcaac	tccctctcaa	taaccacctc	ccccgatttc	caaattggcg	tcacaaaccg	180
cagtcgccga	tacctctcca	aattccccat	gggcaaagcc	cccgcatctg	aaggcgccga	240
cggaaacctt	ctcttcgaat	ccgacgcaat	cgcaccaatac	gtcgccgaga	gtggtccggc	300
caaggaccag	ctccttggtg	tctctgcggc	ggagcgcgcg	cacatccgcc	agtggatttg	360
cttcgccgag	ggggatgcta	tgggggctgt	ggtgccgttt	gcgatctggc	aaatgggggt	420
gaggaagtat	acggcgagg	agttggagga	gcatttggcc	aaggcgga	gggcgttggg	480
ggctgttgag	gcgcatttga	agacgggtgg	ggggaggaag	tggttggcga	cngaggaaaa	540
agtgaagttg	gcggatatta	gtctggtggc	ggcgttggaa	ttgggggttt	gcgactgttt	600
tggatgcgga	gtttatggcc	aaagtatcca	atggttggtg	ctggtttttag	aggacgaatg	660
gaagatga						668

<210> 5368  
 <211> 654  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(654)  
 <223> n = A,T,C or G

<400> 5368						
ctccttgagc	atctggggcca	acttgctcgt	gccttcaagc	acattgccaa	cagttacttg	60
cgcaacgtgg	ccgcgccatt	taccgcctcc	tgcattgccc	acctcctgaa	ctgtctcctg	120
ggtgctgatg	tcaactcgaa	ccctcaagcc	gatatcgacg	catctctgcg	ggagatctat	180
ccagaggctg	acttctcttt	tgagaagggt	acaccgacaa	ctttgcgggc	tgagattgag	240
aagcacgtct	ctacccggtg	ccgttacacc	cctgagcctg	agtggttcaa	ctctttgagg	300
cacctgcagc	ttcttcgtga	tatctccatc	aagctcggtc	ttcagcttag	cgcccgcgag	360
tacgcttttg	ccaagtccca	acttcccgtc	aaggttcctg	ctaccaacgg	tgccagccaa	420
gaggaaggca	aaaagaagaa	gaagaagggc	ggcgattcta	agtctccggc	tcgtgctgnc	480
tctccagaga	agcctgctgt	atccatcggt	cctgacgaca	tcgtcaacat	tgtgcctctt	540
gtcaaagatg	cctctccccg	aagctncctt	tgctgagaag	ccctggaagc	tggacgtatc	600
tccttcatgc	agaacaaaaa	acaactgggc	caagagctca	ttcttgaatc	tctt	654

<210> 5369  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature

<222> (1)...(658)  
 <223> n = A,T,C or G

<400> 5369  
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 aaagagacac aatgttttac gatctcaacg tgccgtgcgg cccagacgat cccgagctct 120  
 atccaacttt aagcttttct gcagaactcg gttacacaac gatcgccctt tcgcaaacc 180  
 tcaacggaaa gcttccctcca aatcctactc cccacactgt tcccaccaat gttcccaagg 240  
 gcctgacaat actcaccgcg gtgaacctac cactctccga cccacgcag aatcagcgac 300  
 ttaccaccct cacccaagcg tatgatctag tagcaatccg cccagcgaat gaaaaggccc 360  
 tgttgaatgc atgcaccaat ctggaatgcg acgtgatttc cttagatctc tccgtgcgac 420  
 agcgtacca cttcaagttt aaaatgctct cgcgcgctat cgcacgagga attcgctntg 480  
 aaatatgcta cggcccggga gtcacgggga gggcgccga cgctggggg cacctcatcg 540  
 gcatagcagt gttgcggatt cgcgcaagac gccgcagagg aaacatcatc ccgagtgtac 600  
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<210> 5370  
 <211> 782  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

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 cctctggtgc cgcccaccta ctgatttctc cgccctccac cctcgaggaa gtccacaaag 180  
 cctttgcgac agtcggcgcc gatcatcatc taactgctac atatcaaacg agctttgagg 240  
 gatttacgct cagggacctc cgttacacgg ccgacgatgc agcgacttt atgcgctccg 300  
 cgattccgct tgcgcgacgc gcgggatcgt cctcaggggag gacggtaaaag gttgcactat 360  
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 cggaagagat gaattcagaa gcgaagctgc gcgagtggca tgcgcgacgg ctgtgcgtgt 480  
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 gggcggtatga agtgaaggcc atccgtgggg ctatgtcgat gtgctggcag acatgtatca 600  
 ggggtcaaggg cccgattncg agagaaccaa ttggcatggg gaagagccat ggtggatctg 660  
 gtgggtcttt ccgatgaaga ggtgatgagg agattgacgg cgtggtacct tgcactgttg 720  
 cacacaggag ggagaacggg cgtaatcttc ccggcgctggg gatcggggga ttgccccgat 780  
 gg 782

<210> 5371  
 <211> 868  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5371  
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 cagcgcactc acattctacc caaagaatct ccatgggtgat atgaccacag ccatcggtgc 180  
 caggagcgca atcaatgtag cgaagacctt agtaacattg aagggtgaac aagggtgcacg 240  
 gcatttcaac tgtttttctc ttcattagat agtagaacca gggagctccg accaagcatc 300  
 ctctggaagt tgatttagat atgtaggctc tctggccggg gacaagtgcc gttcctgact 360  
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 gatcgattca tcccagtgcc ggcccacaca agcatccatg ccaatgccaa atcccattcg 480  
 acagtcgact tatgcttcgg caaccgtcct ccgagccac ctctccctac ttcaaatcat 540  
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 tgggggcaag ctctgcttga gcttgcggc cttgtcgag tccttcaggg caagggtgta 660  
 gacgaagcgc tggcagcgga ccttgaactt gacctgctgg gtcttgcggg tgcgcttgat 720







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gcctaata	gagatcatcc	cgtccaacgc	agaagaggat	ttccctaaga	caatggagcc	360
atttgagtac	gtgcttgcca	cggctacgaa	gaaggcgcaa	gcggtctacg	aacaggagat	420
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ttcggctact	gggacgattc	ttgagaagcc	gcgctccgag	gcgcagcatc	ttgccatggt	540
gaagtcgtta	cgggataacc	gtgaccataa	ggtgttttacg	gccatggcgg	ctatggcgcc	600
gttggttaat	gcgccgcaac	cggggtatgc	gcttgagacg			640

<210> 5377

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<400> 5377

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tcttcctttt	ctcctttcca	ttcagcttca	tccaggggag	agttatcaac	atatcgtcaa	180
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ggaccgcgac	cgctcacgag	acaaagatcg	tagacgcccg	gaccgcagcc	gggaccgacg	360
tcgtgacgcc	gatggagatg	aagacatgaa	gagtcgcgaga	agcgaacatg	gcagtgtctaa	420
cgggaggcat	agaagcagaa	agaggagcag	gagccgcgag	agtgatcgcc	gtcgatctcg	480
acgtgaacgc	tacgggtgatg	actaccggtc	tggcgggtgac	tatttacggc	ggcggcgggc	540
ggggccgcac	tcgatctcga	tctcctaata	atgaccgcta	ttaccggcct	tcaggtcttg	600
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<210> 5378

<211> 403

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(403)

<223> n = A,T,C or G

<400> 5378

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tgggcagcca	acgtaatgtc	ccacctgcag	cttatgcaaa	ctgcgcagcc	tatcatgtcg	180
aagaaccccg	acggcggcgt	ctatatgtca	acttcttctg	ttgccggaat	cacgacgagc	240
ggcagcagca	tggcatactc	tgtcaccaa	gcagctggcc	tgcacctgat	gaagcatttc	300
gccttcacat	tggggcccga	gattcgcgtc	aatgcagtct	tgccgggtct	acttctgacg	360
gaatggngca	tgaagtttgg	cgacaacatt	atcaatgcgc	tga		403

<210> 5379

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5379

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ctgcgtggat	gtcgtogatt	tcctcctttg	aaagcttgac	cttcaaggca	tcaggcatag	180
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acaaatatgc	caaggcctga	ttggcgttga	tccttttccg	tcagcaatct	ttccaatac	300
cttacttggc	ttgagggcaa	taatagacac	agatcctcat	cgggcatctg	ggtcggattt	360
cctctccttt	cgcttgctga	actgaaggca	acacgccacg	gcccaatgac	caataaaaaa	420
aatcctccat	gtttgatacc	tcgcacatgg	ggataacata	cccctcatgt	cgcggaaggc	480
ttgtttccaa	ttgcctggga	aaaaaaaaag	aggtcaaggc	ctgattttat	ggcgttatta	540

aggttagtgg tcttgctcct cccaagggga aaaaagggaa aaaaacctta cggcgttggc 600  
 cttgaaaaaa taccaacagg gtttttttct ttcccgggga tattttaacc cccctttgat 660  
 aaacaaatgt tatt 674

<210> 5380  
 <211> 651  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(651)  
 <223> n = A,T,C or G

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 tctttaatat cgacattgaa tacatggacg ggtcgggtga ggagcgatcc tttattcatg 180  
 agatccgcaa caacggcatc ccagcaacgg tcctcacaag ggataatgac atcgaacaag 240  
 ccggcctcgg tcccgaaggc gcctttgtcg gctttcgcga cgtgggtccac gcggggcata 300  
 ccaaggaccc aatccttgaa gcgctccggc ccccaattca agttccgggt gcgttcgagc 360  
 atgtttaaaa gaccgttggt acgatagagc ctctcatcct tggagtacag ttctcgtac 420  
 atttgggaat acgaggtggg attgaaattg tacacattaa gttgcgtgat ggatgggcct 480  
 ggcagacgga caagggatcc cgtcccacag ggaaataaca gggaaaggag acggttgaag 540  
 taaatagacg gagatgggct tccatcgaac ggggttggtt cgaggcgac accgtgcaaa 600  
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<210> 5381  
 <211> 662  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> n = A,T,C or G

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 cgaaccgcgt cgcgctggac tcttggtgaa ctgtctttac tcgcaattcg tcaatgagtg 180  
 ggcgtaccc ctggagaaag gccagaggc tatcatcgc ttgtcggctt gggttaaattg 240  
 agacaccgag acggcgcgta ttccattccc tgttgaagga ttgtgggtgc attgccccat 300  
 tgaagtcagg gttacggatt caacacataa caagaatcct cggcctttcc ttgaccctag 360  
 tcatcacgac ggcccaacat tatatctcaa tgcaactcta tatcgnacct atctccgggg 420  
 accncctgt aaggacaggt actatgaggc gttttgagtg gctaattcgt gaaatgggctg 480  
 cgaaaccaca ctggggcaag aacttcaaag tcacanggac gcacgagctg caagggctat 540  
 atgggaanga catggatgaa tggntaaagt gcgtcaanga ggttgaccct atggcatgtc 600  
 ctccggcaat gcaatctctt aacctcgcct tacaggtggc anaatgatga acaatgtcaa 660  
 cn 662

<210> 5382  
 <211> 118  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5382  
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<210> 5383  
 <211> 552  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(552)  
 <223> n = A,T,C or G

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 tagcctcccc caaaccagcg cttgagctga ggcaaaaacc cgaaccgaga tcctacatac 180  
 ataattcggg gccctatata cgatatcaat aactaacacg gttgaaatct gatagtctcc 240  
 ctctcccccg gaaactccct cctccgccga acacaccccc gatcaagacg caaaagcgcg 300  
 gagcaacaat cctccctaac ttcgtgggct tgcggttctc ggtgcacaat gggaagaact 360  
 accaggatgt tttgatcact gaggagatgg tcggacggaa gcttggtgaa tatgttgcca 420  
 cccggaagag gtttacgtat aagcagtcga agaacaata gttaattggc ttggggctgt 480  
 gtgntatng tgctctgtgg ggtgatggaa nngggcaata atggcctgac ttagagtttg 540  
 cgggaggat tt 552

<210> 5384  
 <211> 698  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5384  
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 gtccgcatga aactccatga gatagttcag acgcttgcta gaaatggacg ctccacaacg 180  
 gctattctct ctcgagctca ttcacacccc tcagatcagt tgaaacctgt cctcgacgag 240  
 gcaacaaagg agatcctcgc tcagaaagag caagtcactc ggctcaaggc cttggctgac 300  
 aagcaccgtg tctacaaata taacggcggtg tggactcgtg aactgcagaa tctgggtgctg 360  
 tctattgagc tctgtgccta tctgggaggc ctggaggagt acaagagtaa cagtgtctga 420  
 tcgttcttga ctattgagga ggtcgggaag tttcttgata tccccgtcaa tcttaaggaa 480  
 caagatgcgt tccatcttac gattgaagaa tatctgctcg ctctgatttc tatggctcag 540  
 gaactgtctc gtcttgctgt caactcggtc actcttggtg attacgcacg gccgggtccag 600  
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 atctttgcgt agagaagtga tgggaataag tacagtgt 698

<210> 5385  
 <211> 525  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(525)  
 <223> n = A,T,C or G

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 acttgctcga ttgcgtacgac gaaaccaaga tccactcaca acccggtgtg cgatgggatc 180  
 tgtcccttgg tgccgagcag gagggccgcc tacggacggt ggtggacttt ttcggaaatg 240  
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 ttattgagat tgccgcgactg gttgagaaat ggctgacg cgatcgagaa tacttggtca 360  
 gtcaaaacga ctgcgtcgtt cgcgcaggta atgacaactc cggattgcaa gtttctttat 420  
 cacctcactc ggcgaggaag aattttgagc ctgccaaaaa tgtcccaang aagcttcttg 480

gngaaaagcg actaagtcga gctttttgtt ttggggatct gcgcn

525

<210> 5386

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5386

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tccccatgtg	cgaagaatat	gaatgcatga	tctcaggaat	gatgtacaac	cccaacatac	180
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tcgtccgccg	agtaggagat	ggggacctca	tcgaaccccc	ttttagaccc	gactatgggt	360
ctaaccttat	caatcggagc	gattgcttcg	tcaactgggg	tttaacagtc	ctcgacacaa	420
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gggggatgat	ggccggttgg	ggccaatgtt	gggaattttg	cctggtgtgc	gcattgggaa	600
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<210> 5387

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<400> 5387

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cgccctcagt	aaagctgagg	acccgaagaa	caaacacaag	cataaagagg	tcggcatgat	420
ggtcagtcct	gatcattcga	tttacttcca	caatccttgg	gcgtttcgcg	cagacgagtg	480
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catctgggtc	aaagatggaa	cattaatcgc	cacgtgcaca	caagaaggtg	gtggaaggat	600
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<210> 5388

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 5388

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tcaacagggc	tacggtcaac	agggctacgg	tcagcagggc	tacggtcagc	agggctacgg	180
tcaacagggc	tacaatcagc	agagctacgg	acagtcttct	ggatacgatc	agggatacaa	240
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cgccatgaag	aagtacaagg	ggaagtagta	aaccggttct	tgtcacctca	cctttccacg	600
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<210> 5389

<211> 655

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 5389

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ccagagtcag	ggccctagag	ccgttttcga	attgaagcag	cccagagtca	gcttcaactc	420
cgccccgcct	ttcaacgtcc	ctgcgcggctc	ggctatggat	atgagccatg	ttaccgcaca	480
ctatgagcgc	caaaaatagg	agctggaaga	ggcccgtggt	gcccggatgc	aagatggcaa	540
aggttgtctc	tatctatgat	tagacaaaat	tgatttcggt	ttcatgttcc	aagacgcccg	600
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<210> 5390

<211> 1179

<212> DNA

<213> Aspergillus oryzae

<400> 5390

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cgaccttctt	tatctagaga	accggtcttc	tcttgtttgc	acaaagtttg	aggaaataca	180
gaagaaaaaa	agtcccatca	caatggtctc	cttcaccaag	ctcatcgccg	ccggcctcct	240
cgctcccgcc	gccgtggccg	tccccacgg	ccaccagcac	tcccatgtgc	acgtcacgaa	300
gcgtcctctc	agcaagcgtg	gtgcgccta	caacgacgcc	tcgaccgtcg	agaccctcag	360
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ctccggcgctc	gagttcgtgc	ccatgctctg	gggcccgaag	atgttcggcg	actggttcac	480
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ccaatcctga	tgggcaaatt	ccccttcggt	aaatatttca	caatcaaaaa	aacaatcaaa	1080
aaaatacga	ttagaaaatt	aggcaaggaa	agggatcggt	gttacttttt	ttgggccagg	1140
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<210> 5391

<211> 681

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 5391

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cgcccaagat ttctcaatca tctgttacta caaccccgcc gtacttgagt tgatgacttg 180
acgagactga cgaatTTTTt tctgtacttc tacataaacc catatccacg tctTTTTcaa 240
gctcttctca tatattcctt tctttctgtt cttggacggg tcccttcgtc tccgtgcttg 300
gacatcagat cattacataa cggccgcaca gaattgaatt gaattgaatg aaatcactct 360
aataccaaga aattgcaatt aggcaacccc aattgaaagc tgaaatggcg tcagacctca 420
caaaagtggg cccTTtgacc tgccacggac actctcgtcc tgtgccgcat atcgactttt 480
cttccacagt agaagatgat cagtactacc tcatatccgc tttgcaggac aacaaccca 540
tgcctccgga tggatatcacc ggtgattgga ttggaccttc nctcgccaca aggtgcagtc 600
tggcaagcca gactcttcac agatgccacc atagcagcaa cagctgcggc cgatttcttc 660
gcaaaagtct ttggacaccca c 681

```

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<210> 5392
<211> 661
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(661)
<223> n = A,T,C or G

```

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<400> 5392
cgatcaactc accgctgggt ttgaaaccag tgccgtcgcc ctcacttacc tgttctggga 60
gctttctcgg catccagacg tgcaggaaga gctgcgagca gagctcttga cactggagcc 120
aaagattctg tttccccgat ctagtgcgtc gaggggacct cctcaggcaa aagcagttga 180
ttcattacct cttcttgagg ccatagttac ggaaacgtta cgcctccatg ccccaattcc 240
tggaatacag cctcgtgtca caccttatec atcctgtacc ttagctgggt acagcgatat 300
ccctgcaaac atcagagtta atgctgcaggc atactcgtc catcgcaacc ctgacgtata 360
tccggatcct gagacgtggc aacctaagcg gtggcttaag ggtgtcaact cggattccga 420
ccttgaagaa agaaggcggt ggttctgggc ttcggaagt ggtggaagga tgtgtgttg 480
aagtaatctg gctttgcagg aaatcaaaact agtaacggcg gccatctaca gcaactacag 540
gacgtccatc gtagacgacg acaacattga accaatcgac gcctatacgg ttaagccccg 600
cggagataaa ctggtgttng aatttgaagc cgcgntaatc gtaaccaggt ggtaactttc 660
c 661

```

```

<210> 5393
<211> 650
<212> DNA
<213> Aspergillus oryzae

```

```

<400> 5393
cccatcaaca ttttctcatt ttccaactcc taaaaccaca tctatactaa tcaagatgcc 60
tcgtcaacgt cgtgggtgcg cccctacccc tgctgcgacg gctccacca gacctaccgc 120
cgctcccgcc agacctgctg ctgctccctc ggccagcac tcccagcctc actcgaccgc 180
tgctcaccac cagtcgactt cccagcaggc ctatcctcac cctccccccc aggctgcccc 240
cgtccagcag agcgccggac cgggcctgtt cggccagatg gcctcgaccg ctgctgggtg 300
cgcagtcggc tcctccatcg gccacgccat cgggtggttt ttcagcggcg gttccagcgc 360
ccccgccgag gcccaacagg cagctcccg cagggccag cccatggaca ccgactgtg 420
gcagagcaac accgtcaaca gctcctatgg caaccctgcc tgcgagacgg acgttcgcaa 480
cttccgccag tgcattggac agaaccagg caacctcagc atttgcggat ggtacctgga 540
ccagcttaaa gcttgccagg ccgctgctaa gccctactaa agttaatgta ttatgtttcg 600
cgctggggga tatactaagg atgggaattc tgggtttgga accggttcat 650

```

```

<210> 5394
<211> 703
<212> DNA
<213> Aspergillus oryzae

```

```

<220>
<221> misc_feature

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<222> (1)...(703)  
 <223> n = A,T,C or G

<400> 5394  
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 tagccccagt gtgccctaaa tategaccgt tccaacatat gatcaattgc tatcagtcaa 120  
 catgtggaag ccaccgggtga acttcatcac cttgcattat acatacatca ttctctgcag 180  
 tctattgggg ataatacatc tttatccctg tggcaatttg agagcgatcg atgcattctt 240  
 tttcggagtc agctctgcca cagtatcagg gcttaatgtt gtcgatttaa aagacctaaa 300  
 aacataccag cagttatttt tatatttcat tcccaccatt tgcaacatgt gcttcaccaa 360  
 tatecttgtg gtaatcgtgc gactctattg gtttgagaag cgtttgagag agacagctcc 420  
 cactgcattt cgcccaagct cacgttcagt aacttccaag gagtatgact atgaccagga 480  
 ggcacaaccc angaaactga atacaattcg agtccggggac ccggaacaga ccgccggaga 540  
 gaagatcaat gcggaaaacg agcacttggc agactcgagc aaaagccaga cagtgccaga 600  
 agaactaact gaatcgaagc ctncagatgg ccccgacctg gatgctattc aactaactaa 660  
 ccgtcgtatc tcctttgcgg acaacaacaa gctctatata ttt 703

<210> 5395  
 <211> 1186  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5395  
 cggcacgagg tatatttgtg tttgctaaat tgataagtga gatccactct agtttttaaac 60  
 gagactcgtt gcgacttttg tataatttgc aagacagggg ctgtttgtta tacacaactg 120  
 ttcacatata aattttaccgc tttccctttt tctttttctt gttagcacct ccgccttgag 180  
 acttctgctg ctgagccacg ggccgagggc actcctctgc cttttcgttg acaatacctc 240  
 cctgcgtccg ttcggcgggc cgttgcttgc ctttccggcc cttgggtcgg taattagagc 300  
 ggtcacggag gggcaaccag cgttcgggat ccggcgctct gcttgcacat taatccttgg 360  
 gaagacgtga ctttcgcact cgcttagttg cacgaccttg tttatcgcca gatgttctct 420  
 tccttgacc ggcgatggct gccgcagctg ccgcggtcgc ggaggaagga ggggatatgc 480  
 cagccgattc aagtgcgttc acgtcaacat ccgagatcag atcgctcgatt ggaggagag 540  
 tgtcaacctg ggactcgatc ttggcatagt ccagtgttgc ctgagaagca acgtaaccgg 600  
 cgatggcaaa agaatcgttc ctgtccttct ggtaaagaga cttgaacaag tcaccggcgg 660  
 tcgtaagatc tgcgcggtcc gacgagtgtg gcaaagactg tgcggccgcg cgcataagtt 720  
 aaggtggcgc ctgcacatgt tcctgccaat aggtcgcagc tttagcgagt tccgacatga 780  
 tctggacctt ccggccttct agattataga gagtcaagtg aatgcgtaat agtactgggt 840  
 tgaagcggac ctcccttatcc tgttcggaga tggagtcttc gagtagctgg agggatttct 900  
 ctagggtggg gattgcgga gtagtggttc cttcggtcac gtagagctgc acggctgtga 960  
 gcgctagctc gatgtcgttc ggccgccttt caagtgcggg taatatcgcc ttcagggccg 1020  
 gcgtgccagc tctgtcttct cgcaggagcc acagctttgt agaccgacag caggttattc 1080  
 taggtgacta tcgaataata ctccgggctg caagagcgcg ttcgactcta accgatctac 1140  
 gcggtcaagc tcgcattggc cgaatcaggg ccgtgtcttc aaccgc 1186

<210> 5396  
 <211> 1188  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5396  
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 cctgaggagt tcgagttcat tgaaactccc cctgcctcct gcaactactc cgctgagccc 120  
 tgtggtgtga ggacaacgct gtaccgggcc atcaaaaatg ccccgctccc agcggattct 180  
 ccgggcagtg atagcttctc caacatcctc ctcttctctt tgcttctgct catcccatgg 240  
 tatctggccc gccaggctcg tgggtggttc tacaccacca tcttcttcgc aatcttcacc 300  
 actatcccta ttttgatggc tttctggttc gtcgcttcat ccactctccc ccgcaagacc 360  
 gaaaaggcca agtatgctgg ccgccccgtc gaacactacc tgcacttcca cagcgagcat 420  
 gaccgtgctg cctaccgtgg aaagagcaag attcccatgg aggttttcta cgagaagtac 480  
 ttcaacggtg aggtagactt caagggtgac gccttgaggt gcctcgagtt ccgccacgat 540  
 tgggccaact tccgcttcac catgggcctt ttcaagcaat tactcttcgg tttcatcccc 600





<221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 5399  
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 acactccctg taatagaaac agcgcacatc ttcttcaatg gctgcaaaga atcagccaaa 120  
 gtgcgcgtac ccacaagctc cagcacctga gtgaaatatc gaccgatgtg ttccggcaatc 180  
 tgttgagaaa tggccccgtt atcgatccac acctcgtcca ctccaaaatc ccgtaataac 240  
 gcctctcttt ccgtttttct ggtcggtgac gccacaaaacg cccgatgtgt cttagcaatg 300  
 gccgctgccg ccaggcccac cgaggacgtt ccaccgcgaa tcaacaatct atctttgggt 360  
 ctcaagggtg gtgtccttat caatgaaccc caagctgtct gcagcatctg tggtagcgct 420  
 cccagcacgt gccagggcag ctttgtcttc agtatctgta cctgctttgc cggtaacat 480  
 gtgtactctg cataccccc atcaaacgct cggcccatcc cgcctatggc tgtggccacg 540  
 gtggctccga gcggaaattt atcttccagt cctggggcgg catcgactat acccacggct 600  
 tcgatgccga gaatgcgggg aaattgaacc gcagagccag agtgaccctg acgggtgaac 660  
 atctctgagc tgttgagtc gaatgctttg actttgatcc ggacttgctc agaactgggt 720  
 ggggggatgg gatatngtat gacctttacg acgtcgggag 760

<210> 5400  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5400  
 ttgtcttctt ccgactcccc gtctttatct gctctcttat ctaccgtccc ttccccatac 60  
 ctctttctcg gcgtttcaat ctcccttcag gacgtccacg taccctattc atagcggcct 120  
 tgccacatcg ctctcttgac tctcactca tcaacttttc cgtataacgc cggaaattcc 180  
 gtgagtcgct agcaatcgtt cacaacaagc cgtaatccgc ctgctccaac tcggcgctta 240  
 tcggctcttc tccgacgtca cctccttatc cggctcccta cttgccacca cccgctcaac 300  
 atggtctctc gcaagccccg ctgcaacttc aaggaaatgca aggaagcagc tcagcggatt 360  
 gtcggagact gcagcttctg caatgggcat tactgtctta aacaccgcct gctagaagcc 420  
 cactcctgca ctggcctgga ggactgcaag aaggagtccc acgcccgcga cggcgataag 480  
 ctgaacagcg agcgtaccga tgatcatcaag ggcgtataga cgacgcctcg gggctcctga 540  
 ctttcaactct cctttttgaa acttttctct cggttcttgc atcgccatca gcgaaaccgg 600  
 ttgattttagc gcgggggttc atttgattac atcatcgccc gtgcgggggt cgtccataac 660  
 ccgcgggggc cattatcttt tttt 684

<210> 5401  
 <211> 546  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(546)  
 <223> n = A,T,C or G

<400> 5401  
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 actggccagt tgaacatttg ggattgaacc atattgatca acacttgcgt gggtatacat 120  
 aatctataaa atcctgagcc gggtagaagg ccagctgctt caatcatggc tttcagcaga 180  
 gtaatgctgg gcttcttagg cctattcttc acggccggag ctctgctact gatgttcctg 240  
 accctgctcg gaggagcacg gaactcggtc cctttgaacg aaatctactt cctccaagtc 300  
 gacacaggca acattccagg tgcacatct gtatccgat ggacattctg gaacatctgc 360  
 gctgtcggcg acaatgggaa gagcgattgt ggaacctcat accctgactt cccctttgat 420  
 cccccgagcc accgcaactt cgacacaaca accaatatc ctggaggctt caatcggaca 480  
 aaacactact tncctgacct ccggtcacat tccatttctt aatatcgcg cttccttcgc 540  
 gttggt 546

<210> 5402  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

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<400> 5402
gtctccccgg aactggagggt ttaatgctgg ttcaatccag gtcaaagtcc tccctcccat    60
cagtactgag ggtttgactg cggctgatgt cgatgccctg actcagtcgg ctcggaatc    120
catgctcaag actctactcg agatgtctga gaagaacgaa atcgaggttg gcaactcgca    180
tgccaatggt acttctactg ccgttgagat ctgacctcgt tgcaactttg agttatgaca    240
atgacccttt tcttcctcgg catccccttc atcgaacgcc agatgcacgc accattccac    300
gaacaagttg aaacgcgaca tgagacatga ataccgggcg ttggtgtccc cgtaccaccc    360
gctaataatc attgtcttct gttctccagt acagatcccg cgacagagta cttcaaatag    420
tttctgtcta gagacgaggg cctaagattt gcattacttg tagacatgag aaacaacatg    480
agacagagcg gtcggccctg atgaaacggt cattataatc gggtcctata cctaattggat    540
aggacctttt cctccaaagt gtatataatg tcatccgttc aagagtaccg ggccctccc    600
tcccgctgta tactctggac caattctgta tgtaggctac cagatcaata gaacatatnc    660
acttgctggn tcaaaaaaaaa aaaa                                684
```

<210> 5403  
 <211> 928  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(928)  
 <223> n = A,T,C or G

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<400> 5403
cacagcacta tcctaccttt tctttaccct ttcaaggatt ttctgcgcac ttacagccct    60
tgtgatggct attacactgg acggcgccat tgctcttgtc acaggcgctg cctcaggaat    120
cggcaaggag acggtctttg ccctcgccca agccggtgta gaaggcgta tccctgcccga    180
tttgaacctc agtggcgctg aattagtcgc tcaggagagc acaaaaaaat gggctactaa    240
ctcctatttt cgcacgacag cagtccaggg ggacgtttct gacgaggctg ccgtaaacaa    300
catggttgat gtagcagtga aagagtttgg cagaattgac tactgtgtac atgcagcggg    360
gataggtagc atttccgggg cgacaactga gcattctcaag atcgacgtct atgatcagat    420
aatggcagtc aatgctcgag gcacaatgtt agtcttgcca gctgtctcgg cggatgatggc    480
taaacaggag cctcgcatgc accagagtgc ccgtcacggt acttcgcgta gtctcgcccg    540
tggtctctatt gttgtgggta gttctgtgaa tggnacatg gttgcgcccg ggatgttgct    600
atatacagcg tccaagcatg ctgtagcagg catagccaaa acagcagcta ttgacaacat    660
caagaaccat atccgagtta atgtcgttgc ccccttttac accgaaaccc caatgttcga    720
agctagcttg aagcgagtcg ctgaactggg cgctgctatc aaagcaatca cccattgan    780
aagagctgca gccccgaag aagttgcaga tccgattgtg ttctgtgca gtccagcagc    840
aagttacacg aatggaggca cgcttatcat cgacagcggg acaacgctca acattccccg    900
gacaagtctg tgaagctttc tcggagag                                928
```

<210> 5404  
 <211> 764  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(764)



attgttcgac	ttgtcttgct	ctaacagcac	tcgcccacat	gcttccgctt	ctagctccgc	1080
tgetggctcc	gcgactcccg	tgggtctctgc	tggtccctct	ggctccgctg	ctgtgaaccc	1140
ttcgtcgtcc	ggaatcgtgt	ctagtgtctgt	tccctctact	acccctggct	tcaccgtcgg	1200
caagggattc	cgtccgtcca	actcctccgc	tgctgcctac	tactccagcg	cttctgctag	1260
cggctcggcc	taccctaaat	tcaccaagac	cgctagcggg	tcctccgcta	cttccaccac	1320
cgttggtagc	tcttctgact	cttcgtcgac	caactctggc	aagtcctctt	cggaatcttc	1380
ctcaaccaac	tctggcgctt	ctgcttcttc	ttccatcctt	gctacgggcg	gtgccagctc	1440
cgtctcgggc	tccgtcttcg	gtgctctggg	tgcagtcttt	gcattcgtgg	ctactttgta	1500
aagaaactca	cctatccatg	atcccaatcg	atagctagat	ttagaccatg	gccattcttt	1560
caagtacata	catttataaa	ataccctcgt				1590

<210> 5407

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 5407

ccaaggccaa	agttgcaaac	ggcctttacc	cgtgccatcg	actccattca	gtctgtcctt	60
gattctgcaa	acgatgctat	cgacaaagaa	cacctggctt	cggcattcac	agagctagac	120
gaacgagtag	acgattggaa	gtcgcttaaa	atagaatcat	ttggtgacct	gcttcgcttc	180
ggcacattta	ccgttttgaa	gggagacaat	ggcaaggatt	cagaaagaga	gtaccacatc	240
taccttttcg	aacgtatcct	tctctgctgc	aaagatatca	atccgaacaa	gcagaaaacg	300
aaactgattg	tcggcaaaga	taaaccagct	actactgtga	aaggaaaacc	acggttgcag	360
cttaagggtc	gcattttacat	ggcaaacgta	acggatatag	cttgctatca	naagccagggt	420
tcttatcgta	tccaaatttt	ttggaaaggt	gaccnnggcg	tagtggacaa	ccttatcata	480
cgtatcaaaa	atgaagatgc	catgcgcaaa	tgtatangga	cattggacac	cnacgagcaa	540
tttagccgaa	caacgcaacc	accggatacc	gttcacogga	gacaaatcac	gtcatgaaga	600
acatggcaaa	attcccaaac	ggaccctgac	atgttgccgt	gaacaaccac	ttag	654

<210> 5408

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<400> 5408

ccacccgact	catctgtata	ctcctccatc	cgacttcaac	agtcctatga	atcgtctttct	60
gaagcttgcc	ttcttgtctt	tggtcgcac	ctctgcgatt	gcgaccaccg	cccctgagca	120
ggtcgagtc	gagaccaaca	cgggtggccga	ccagtcgat	tcctccaca	aggctcttca	180
cttgttcgag	aagttcagcc	atggtgtctt	ccgtcccgac	gaagatgctg	cggacgtctt	240
cactgccgag	gatagagagc	tggccgccca	tctgaacctc	aagagggaca	acagctcttc	300
cgtgtagag	ccctcagcca	ctgctgcgga	accaaccacc	tcagcccaac	ccaccacggc	360
cacgcctact	caaaagacca	cgtcgaacc	cactaccagt	gagcagccca	caaccaccga	420
gaagccaaca	acctcggaga	aaaccaccga	aaagcccacc	accagtgagc	agcctaccac	480
caccgataag	ccaaccacct	ccgacaagac	cacttctgag	aagacccccg	agaagcccac	540
caccaccggc	ccaaccacag	cccattacca	ccgacaagcc	aaccaccttc	cgaaaaaccc	600
ccctgggaca	gaccaccgga	gaaccacaac	ccagcgcgaa	tcaccacag	ggcccacccc	660
cattgcaacc	acccccccgg	cccataagcc	acaacccccc	gaataaacia	c	711

<210> 5409

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(667)  
 <223> n = A,T,C or G

<400> 5409  
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 tatccgactt tcttacacaa tgtctcgctc tggcaccacg ctctatgtca ccggtttcgg 120  
 gcacggaact cgagctcgcg accttgcccta cgaattcgaa cggatgtgc cgctcgctga 180  
 ttgcctacac gctaccatga ccagacgact cgtttccatc tcgcaatcta cacctcgggt 240  
 gatcctcgca atgccgacgt tggagcaaga cctcccctag tgttctgagc tttgcttggt 300  
 gcattactcg tcgtctcctt gatatacata cattcccttg gaagagtcac tatggccccg 360  
 gcacttttgc tacctatcat aaccgcgttta tacacttttg tctttgggtca ttgagcaata 420  
 ttatcttagt tgtctgttta caccctacta gtcttgggtc taacctagct ttagttacgg 480  
 gcgccttgct cgggtgtgaca taccagcacc acgtactcct tccagcagac tgtttgcttt 540  
 tgtggaatat gagagccgcc gtgatgcaga tgatgcgtat catgaaatgc ataacaacg 600  
 aattggacgg gatgatttat tgaanattga atgggctcgc actccaccat ctgcttcttg 660  
 gaggttg 667

<210> 5410  
 <211> 680  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5410  
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 tttaggtttc tgctcgtttg cgggcaatth gcgataccgt tatagttacg aactcggatt 120  
 cagccaaga tgtcttttca gaactttcaa ttgttccgga accaccacc agcggctgat 180  
 gctgccgtg ctgtccctgg cgcacctgct accggggata ccatggccgg ccaggccggc 240  
 cctaccagt gccaattaca gtgccctgcc cctggcgagc caacggccgc tcccgttcat 300  
 cccgctcaag aatgaaagac cactctctgg atgggtgagc ttgagccctg gatcgacgag 360  
 aacttcattc gcgacctctg gtccacatg ggcgagcagg tcaacgtgaa gatgatccgc 420  
 gacatgttat ctgggtggag caatgccggc tactgctttg tggacttttt ctttcccgct 480  
 gctgccgata aggctctgcc gtgaaacgca ctccattgc ccacaccatc cggcttttta 540  
 actgaactgg ccactggggg ggggctgggt gactgatccg aaattaacgt tgaccttgat 600  
 ttattctctt cattggtgaa ttggggggccc acgcgcaatt atattttaac gtagttcacg 660  
 ttatgatggc cttttttttt 680

<210> 5411  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 5411  
 cttattcttc accccatcaa agaaccggag cgaccttctg tcattcacag actcctttcc 60  
 ccccttcttc ttttacagaa acggtaatac aaattcaagg gttcgacaag ggaacgattc 120  
 catgcttcag atcagtgttg tcccacagaa gttaagctcg gaagatgaaa gagcaaaaaa 180  
 tacaagtctt attctgagct actcactctt tcctcaatat gcaagcgact attcttcgga 240  
 cgcaatcatt tcggtccagg attagcatac acaagtacac accatggagg cgacctttt 300  
 catcttctct ttgccgcagg gaaatcagaa atatagagac gttacctcaa cgtctactac 360  
 ctaaatacga agaactcttg gagggcgatc tcctctctct tcaatggcca gcacccctc 420  
 gaaatgtctt tgttgtagaa aaggactgcg tgccaacagt aacggaatca ctaattgaat 480  
 ttgcgaatca tgtaacatct acgtatccat ctatcgccct gatcctagag ccgaagactg 540  
 ccgaagaagt acattcaaaa ttttcttttc ctatctactc agctccattg agcaggctag 600  
 cctccgcgct acatagtaaa ggcgacctta cggttactct tggcggngat ggaactattt 660  
 tgcattgcttc ttccttattc gc 682

<210> 5412  
 <211> 652  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5412  
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 ggaacaccct ggagcatatg gaaatggcag acctatgtct acggccttcg gaaaccgacc 120  
 tgagactact tccagccagg cacctcaa atgtatcatcg gcacagctca atggttttga 180  
 gacgtcatcg cccgtatcgg gctaccagg cggtgcccc gggttcggaaa accgcagctc 240  
 atcgcaacct cgatttggca acccttcaaa cgccaacttg actgccaatg gcaacgagaa 300  
 cgaggttcct caaccaaccg aatacccgtg tcgggcaaaag gcaatctatt cgtatgatgc 360  
 caaccagaa gacgccaatg agatcagctt taccaaacat gagatattgg aagtgtccga 420  
 tgtagcggc aggtggtggc aggcaggaa atccaatgga gatacaggta ttgctccatc 480  
 gaattatttg atcttgtgtg gatctggatg gagcttcctt gtgtaacgtt ttctttcttc 540  
 tctttttggg tttttcatgg tcctcgccgt tttgttgcca gaaaaattat ctttgatacc 600  
 cttcgagtag tatcactcgg cgcgagtcgt gtttgccaag tacgttacgt ct 652

<210> 5413  
 <211> 1320  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1320)  
 <223> n = A,T,C or G

<400> 5413  
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 cgtccagctc ctcaatgcgc tcaactgtcg ggcctacgca agtcacggac aaccacaca 180  
 aagtgcgagt gtggtgacaa gaaaaagaac agccacaagc atgatttaga tccccaccac 240  
 gccaatgaca agcgggatca caagcaggac tcccgtccaa gatgtggctg cactcatgga 300  
 cagcgtgtga cctgtgcgct gaagaaggaa cccaccta atactgtgct ggaaactggt 360  
 ctctctccgc cccaacatac tattctgtcg gaaccaccca agaagcccca gttgacctca 420  
 accaagtgcg agagcacgct tacgatattc cgagatggtc accacaaacc ggctcataaa 480  
 cacaatgaca tggctcacaa gtgcggtctg ccttacacga taccctggtc tcatacgatc 540  
 cattcgacct ccgatgtgtc tcgtcggtcc gtcgatcaga tgcccttgac tcaagcggcc 600  
 ttgatgaacg aacctatntg gactcaacca ttttcggaac agcagccac ccacggtcct 660  
 cagcgtcgtg tcaagtccga gcatgggtct cccgagagt ccccgctcgt gtcaacggaa 720  
 gatggaccga cgacagtccc cccactgcac ctctcgtctt tcttcctca gcctcagccc 780  
 atgaataaac ccactgaagc cgagccggtg tccctttcca tggggaagac gcctttaaat 840  
 ccacttatga ctagtgtgcc gcctcttgac gtctcgtcct tctctacttt cccgaccacg 900  
 accacttcgc cgtgaacac aatggcgctt caagatccat acaaggagca gtttttcacg 960  
 tcgccggaca acgatatgac cttgggtcct actggattca atgcaccccc tgcgactgg 1020  
 tcaagcttcc ctctgtactc ctcggtggtt cctgccgcca ccagcacaca agctccctct 1080  
 tacgcgagct tcgactacaa ttccatgagc cacggactac cagctccgtc gtcgtccggc 1140  
 gatatttctg aagtggagga tttcgcacca ttctccggct tcggaaatgc aggcaatgac 1200  
 cttcaagatc tcgccagtgg gagtgaaggt tcggatctcg accatttccg cataagttcc 1260  
 gcatcatcat ttattggcct tctcaggcgc cactcttacc gtcaaatcag cttgactcaa 1320

<210> 5414  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5414  
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 atttccttcc tcaactcttt ccttctcttc caatcaattc tccgtcacia tgtctgaaat 120

cctcgaggag	ctcggcgaca	tccccaaggg	ggtcctccgt	gagggaaacc	tcttcgtccg	180
caaatgcacc	acgcccgcaca	aacgcgattt	catcaggatc	agccagggtg	tcggcatggg	240
cttccttagc	acgggtgcca	ttggttactt	cattaaatta	atacacattc	ccgtcaacat	300
tatccttgtc	gggtggtgcat	aagctatgaa	caatattaat	cagcactcga	taaccttaata	360
ccttaacttg	atgtggtgat	gggattctgc	atggtttaaa	tgggggagaa	tccgtccatg	420
cttgatatccg	ataccggtta	ctcgtaaagc	gtggttacga	aatagagtga	tggtagatgg	480
aggtgcctaa	ctcatctttg	acttgatgac	atgccgtcag	tgcattgatgg	aggtggattt	540
tgctggatga	aatattgtag	ccatgtcttt	gaggctgtat	acatagcggt	tcctgattct	600
aataagcatc	caaagaggat	aacttgagag	aattggctaa	ttccgggggt	ttttcaat	658

<210> 5415  
 <211> 917  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(917)  
 <223> n = A,T,C or G

<400> 5415						
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caacaacaac	aacagccgca	agataacttc	ctttcgtcgg	gaagcaataa	cccatggggc	120
tctagcagcc	cgcagccggg	agatatgttg	aaaccaatgc	agaccggatc	caacaaccga	180
ttcgctcagc	gcacgcagac	acagcagttc	cagaccaggc	ccgcaacgtc	tggacatcca	240
tccttgaaca	cgctggcaga	agagcgcgca	accaccgctt	tcaatccaat	cgccaactac	300
caggctcctg	tggcaccggc	tccacccaag	agtaccccg	ctcagatgaa	cgaccgcgat	360
cacgctcgtc	tcaatgcact	cctcgccagc	ggcgacggcc	aagatacctt	tggaaacgtc	420
gggtgatctc	gtatacctgc	tcaacacacc	gcaccaggca	ccttcgtcaa	ctctgctggc	480
caaggtctcg	accgcctacg	cgccaaccag	accggcagca	acccattctt	cgccaacaa	540
cggttcgtcc	cccagcaaac	agggttcgcc	cagcagcaaa	ccggcttcgc	gcagcctacg	600
aacaacccct	gggggtgcaca	gaaatcatac	cagcagcagc	ctcaggctgg	aggcagctcg	660
atagatctgt	gaaagacgaa	aatgttcac	cgtgatgtcc	gtggtataca	acttgacggg	720
tttgtagtgg	aagtgggaata	cgataccagg	tcttttatct	tgtctttatc	gattatatct	780
ctacttttct	ctccttttat	tccctttggt	ccgttgctgc	gtcttttaca	cgaatgggtg	840
gggtgttatgc	tcgcattgaa	ttagggttgc	ggaattgaca	tacagatttc	agtccagtta	900
aaanaaanna	aannaaa					917

<210> 5416  
 <211> 653  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5416						
gaagacgtta	cttgacgaca	ctatataatc	gtcaatacat	acgccttcaa	tcccatcctc	60
cctccaacga	gtcacaacct	acccgggtca	ttagcaaccg	ctcgatacat	tgacacatcg	120
catctcacgg	accgtgtagc	tagactggac	agtagctact	cgtgcttacg	gacataccgc	180
ccgcttaatt	tcatctactg	gcatctttat	ctttcttcac	attcgctatg	gatcactcct	240
gagatccctg	accctgggtt	gccctcaacg	acttcgggtg	agctttctgc	atgggagcaa	300
ttgggggtgc	agtgtggaac	ggacacaagg	gattcaacaa	acagaccata	cggatagcgc	360
cggacaggag	acctcaccgc	catacatgct	tgtgtacgac	atcttggggg	caatcacccg	420
gtacggggcg	gcaatacatc	ccatgcgact	atgaccacac	atggctctcc	ataatagacg	480
cctcaccata	accaaataag	ctaccctgca	caagcccaaa	tacaaccgat	gtcgagacag	540
tctaccgaac	acctgacaca	tcgccatgac	ctcgggggtc	acacatttat	agccattttc	600
cgtctcctca	tcaactataa	actcacgaca	gagccgcgcc	gcaccttaac	ccc	653

<210> 5417  
 <211> 713  
 <212> DNA  
 <213> *Aspergillus oryzae*



<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 5417  
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 cctcaagcag tactcggact ctcggaagtg gttcgaggct tcattgaccg tgtgcgagtc 120  
 tctctttggc aggcaatcca ttaacactgc aactatcttg ttccagctgg cacaggctct 180  
 tgctcttgac caagactcca agggagctgt tggcaagatg cgcgatgcct acaacatctt 240  
 ccttagccag ctgggtcctg aagaccgcaa cactaaggaa gctgagacgt ggctggaaca 300  
 gctcaccag aatgctgtct ctatcgccaa gcatgccaa gacatccagg ctcgccgcct 360  
 gcgccgtatc aatatgaaca cccggactct tggactaag gtccagcctc aagttggcca 420  
 gtccgcacct tcggcatccg gagccagttc tgccaaccct tcattggact cgcgaagcat 480  
 tgatgaattg ctgaagttca tcgaaggtgg tgacaccagc tcctcgcgga ccaagcagaa 540  
 gaagcgtgct gcagctagca accccaagct tcgtggctcg aagaagtcac cagcttgaac 600  
 atatocataa nttctatcat gtttggtaan aaaaatgcac cggccccttc ttgactttta 660  
 acttctatgc ctttactggg taagacacac tttttttgaa ccatttttaa aaa 713

<210> 5418  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(664)  
 <223> n = A,T,C or G

<400> 5418  
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 ccgaaacggg atttgtcccc actgtgttct ctcttcctgc agagagtgc tactcgtggg 120  
 tatgggctgt gagtgtctgg cttgtggcga tatttgtgct ctatcttaca caaggatttg 180  
 ctcgctcgag attcgcttac gctcatggct gtcaagcacc accacggtat gccaccggg 240  
 acccgattct ggggctggac tccttgcgag actccatgca ggcgaggaaa tccgacaggt 300  
 atttttcgag agagcagcaa ctacaccaag cctatggcaa tacgttcatg tcgctgcttt 360  
 tagggagctg gatggtgaat acgattgagc caaagaacct ggaggttctc ttctctacca 420  
 agtttgccga ttacgaggtt ggattccggc gtcggaatgc ctttgccctc ttgtttggca 480  
 agagtatctt tcaaagtgat ggaactcgtt ggcaaacatt acgatcacag ctacaattat 540  
 gtttctcgcg agtgcaaac tcgcagttag ggcttctgga gagccactgt cagcatgcct 600  
 gatctggggc tatatagcgc cncgaaatcc cataagggga ttatagcgta tttgtacccc 660  
 accg 664

<210> 5419  
 <211> 1178  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5419  
 caacattggg tctagacggc gtacctcaag cccaagccgt aacagtgagt ctcaaagacc 60  
 tcatcaacgg aaccgtctcc ttogagaccc tcaccgaagc tttcgcccc tcctctctag 120  
 gcataatcgt ggtaaaagac ctagaccccc aattccaacg tctacgcacc caagtcctct 180  
 ccaacgcata ctatctcgca gccctcccca acgacgaact agaatcccta accagtcctc 240  
 gcgcaaaata cctcgtaggc tggctcctgc gcaaagaaac cctgcgatcc ggccacttcg 300  
 acaccctcaa gggctcctac tacgtcaact gcgcattcta ccaagacccc accctacaag 360  
 gcgccccgcg cgacaactta cccgatctat ccgagtacac agccccgaat atctggccgc 420  
 cgcgggaccg attgcctacg ttccggcccc cgtctggaaga gctctgtaag cttgttattg 480  
 atactgcggc attggtggcg acggcgtgtg atcggtatgc gacggaaaat attgaggggt 540  
 ataagagtgg gtacttgagg catgttggtta ggaccgaagt tgacgacgaa ggcgaggttg 600

ttgcattatt	ttcctgccga	ggctgggggtg	ggagagagag	atggggagggg	agagggagag	660
ggggatgatg	attggtgtgc	gacgcatttg	gatcatgggt	gtttgacggg	tttgacttct	720
gctatgtttg	tcgatgaggt	tgctagtcct	cctgggcagg	gagggcgagct	tggtgagttg	780
ggggcttcgc	cggatccgaa	ggctgggctt	tatattcagt	cgaggactgg	gaaggtggtt	840
aaggttaata	ttcctcggga	ttgtttggct	tttcagaccg	gggaggcgtt	gcagcttatt	900
acgagaggga	agtttatggc	tgtgcccgcat	tttgtgaagg	gcgcgaagcc	ttttgcgggc	960
aagaggattg	cgaggaatac	gttggccgtg	tttacacagc	cgaatttgga	agaggagggg	1020
gatagtggga	aaagttttgc	ggatttttgcg	agggaagtgg	tggccaagac	ttattatggg	1080
gggcgtggag	atgaaatgtt	tattatcatg	aatgggtatg	atattagctt	tgagtttcac	1140
atattaaagg	ttgcttttgg	acccgttgaa	gttgggtc			1178

<210> 5420

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 5420

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tccttatgat	ctgagtgagg	acaagctcaa	ggagatcttc	gccgcctact	cgcccgtttc	120
tgctaagatc	gctctgcgtc	ccattccccg	ctttatgata	aagaagctcc	aggcccgcaa	180
cgagcgcggc	aagggccgtg	gcttttgctt	cgttactctt	ggctctgagg	agctccagga	240
gaaggccgtg	aaggagatga	atggcaagga	gatcgagggt	cgtgagattg	ccgtcaaggt	300
cgccatcgac	agccccggca	aggaagacga	tgctgttgcc	gctcccgcca	ccgacgctga	360
gaagactgag	ccggcaaccg	aagctccggc	gcaggagaac	actgccccgg	ctactgctta	420
aatgacaagt	cgttctcaac	cagaacgaat	caatgatctc	gacataccca	ctgtatcgtc	480
gggatttggt	ggaggaagag	aaaagacctt	cgtgcggatg	ataacttcat	actctgccgt	540
cgagaagcgt	tnttacaaaa	gtcaaaaaaa	ggtaaaaaag	acaacgaggc	caactataaa	600
acgcaaaagc	tatgaaaata	ttatcccccg	tcgaagcggg	catagggggac	gaatttatca	660
tgaggatgag	gcattcat					678

<210> 5421

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 5421

ggagatcgac	gatgagttgt	ttgacttggt	gaaacgcctc	ctcacgaagg	atccggtgaa	60
gagaatcact	gtgaaagaga	tcaagcatca	tccttggttc	ttggacgggtc	tacccaatcc	120
cagagcgtgg	gtcgaggaga	ctgatccagg	gtatctgagt	aaaggtaaaa	ggattgaagt	180
gtctaattgag	gaggttacaa	cggccgtgag	caaagtaccg	tttatacaac	gtgtgcgatc	240
caatgttgcc	aagtgggtcca	actaccttac	cgggaggtcg	aaagataaaag	atactcgcaa	300
gcgtacttct	agtgcggctc	cctcagtcga	gtctttctcc	acttttcagta	ccaacagtat	360
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caccgggcta	agccaaggag	gtgaagcatc	cctttttacag	aagggtaacg	gaaagcccgg	480
gggtccggat	gaacaaactt	gttattttcaa	ggaagccttg	gggaatcacc	attatggttg	540
gaccggaccc	cacggcttga	ccacccgaaa	cgtgcggtat	tttcgttggtg	accgccggaa	600
ttttgcaacc	attaaaggaa	cgaattacaa	ttcccaaccc	ggacccccaa	agaacgggtac	660
ccccgcgtcg	ttggagaacc	ga				682

<210> 5422

<211> 769

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 5422  
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 aagtatagcc atcctgatgc ggagccctgt cggatatggg ctggttgac caattccaac 180  
 tgtcgatttc gccatccgaa atcgcgacta tgccgcaacg gagccggctg taggaagctg 240  
 ggatgtacat tcgcccaccc ggaggcaccc gactgccggg atggagttgg ctgcacgaat 300  
 actctctgct cgttcaagca cccagcgtc cctgcttgct gggatgggtc caattgcatg 360  
 gtggacaaat gtaaattctt ccatcccga gtc aaaccgt gccggtttgg aacacggtgc 420  
 accaacaaga actgtacttt tcgccatcca ccacccctt atacaaagga accgaccgcg 480  
 tctgcgaat cgatggatga caaagagtcc aaggaaccga aaagctcgga aaaggaagtt 540  
 cgcagaaagc taaaagaaag cccaaagtga aaaagctctc ggttatcccg gaaaaggaaa 600  
 cgtccagttg actgatcact cacagtgcac ctctcagcct cgttgggtgcg ggtttgacag 660  
 caaatcacta tgtccagctt cctggagttt gtattatgtg agatacgcct aattattctg 720  
 ctagtattnt gtccttgaat ggggtgggaaa tctctgaaca gtatccaan 769

<210> 5423  
 <211> 648  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(648)  
 <223> n = A,T,C or G

<400> 5423  
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 cgggtctttat tgtggaagag gctgtctaac atcccccttc ttcattcaaa cccattcttt 120  
 taagtcttttt gttttctggt ttccatctca taccgcgcaa aaaaaggacc gcataatgtc 180  
 ttacaacggg ggctatcagc gcgaccagcg cgactcctac cgctctagaa acggtggtgg 240  
 tgggtggatac tcgaatggct actccaacgg caacagcaac ggctactctg gtggtggtag 300  
 tgggtggtggc tatggagggtg gctacggcgg tgggtggctac ggcggcggct atggcggtag 360  
 aggtggtggc gccgggtggtg gtgaccggat gtccaacctc ggcgctggct tgaagaagca 420  
 agaatgggat ctggattctc tacccaaatt tgagaagtct ttctacaagg agcaccgccga 480  
 tgtcgccaac cgggtctcagc gcgatgttga tgagttccgt aagaagtttg agatgtctgt 540  
 gcaaggaaaa aacattcctc gccccgtcga gaccttcgac gaggctgggc ttcccccaat 600  
 acgtgctgag cgagggttaag gctcaaggtt tcgaacgccc taccgctn 648

<210> 5424  
 <211> 839  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5424  
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 aactgggcta cctgtcgagg ttcaagcgcg agttcgaggc actcgtcgac ccaaaatata 120  
 tggcagcgcg agctataccc gagctggacg ctcttcgcca cggttacgtg gatctaagta 180  
 cctattgtct tactcaattc gtggaagtgg tttttgcggg cgacttccgc gctactatcc 240  
 ccgatttctt cactcagaag tggatggcg actttgcaat aaagcgaatc acttctacat 300  
 tcgaagatta catggccgat tactccccctg tcatccaccc atcccttatc gacatcttag 360  
 tcgaggaaact ctccgacgaa ctcttggtcc ggtacctgtc atctgtgcgc aatcgcggcg 420  
 tcaagtttcg gcgacacgct gatccataca cggacaagtt caaggacgac gttctcaccg 480  
 ttttcgcctt cttccaaaac tatccggact cgttcgccag taccatcaag caaaagtggc 540  
 gactcgtcga ctggttggtt cgtctacttg aatcggagaa gggccctgcc gttgttgacg 600  
 tctatgagga cttcaagatg gaatactggg atctgcaact gacgtgggtt gaggcagtgc 660  
 ttatgacaag ggatgacttt gagagaagca tgatcagtgc tgtcaaggcc aaggcagccg 720

agttgtccgt	agaaagaggt	atggagactc	ttatgagccg	gatgaggtag	ttgaatgata	780
tctagggatg	aatgacagtg	aaaaataaat	tgtattataa	ataaaaaattc	tgcggccgc	839

<210> 5425  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(694)  
 <223> n = A,T,C or G

<400> 5425						
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tgacccgaat	aaccctctca	tgggcaatgg	actgggcgcg	cttggcattg	gacagtttgg	180
cctcggcggc	catgaaggct	atctctccga	tcactcggag	gtcactcgcg	gccgctcgcc	240
acgaggccgt	cgtggtagct	cgaagccacc	agaggacccc	accgaccctg	ctttgttgaa	300
ggacattccc	agctggctga	ggtctctgcg	tttgcataag	tataccgaga	acctgaagga	360
tctgaaatgg	actgagctag	ttgagcttga	cgacaaagct	ctggaggagc	gtggcggttaa	420
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tccgatcggt	tatccttcta	acattctctc	cattgcatta	atttgatttg	attagatnga	600
gattgggcat	aagtggcacg	atccgattat	atccatgagc	gaatcattgg	atgacccttg	660
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<210> 5426  
 <211> 644  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5426						
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cgccagatca	agttgaagtt	caacaatgaa	gagcgccgag	ccccgggacg	gattaaggac	180
acactacttg	gaccgcggga	agctgttgac	attacgacct	actcggagat	gaccaacacc	240
atctatgacg	atcccaggat	cattcaacaa	gaactagatg	aggagaagaa	acggattgag	300
gatcaacatg	ctaaagaaaa	gcaggctcaa	gaggagctga	ctaacaatcc	agatggtgcc	360
gcaggtgcta	atcattctcc	agagcaaggc	actgcacctg	tcaagagcaa	acgcaatagc	420
aggaagcaag	ccgctaagaa	tacgagtggg	ggaaatgaag	aaattttggg	cactattgat	480
gactttcctt	gaaatataat	gcttctcttg	attgatatga	tttagactgg	tggtggcctc	540
taatgtgata	ctgatgatag	gcgtttgcgg	cgtttccgat	atccctaatc	cgggtgttgtt	600
atcacggtgg	ttggcggaaga	ggttcaattc	tactactgtt	tgtg		644

<210> 5427  
 <211> 665  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5427						
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ggacatgaga	aacttttgaa	ggaagcttcc	acgctagcgc	cccttgagag	actgcagacg	180
ctacttctac	tcacaatggt	tgcaagttgg	tccgacgagc	caggtttacg	ggcggagagt	240
atacctctcc	aagggcaact	agcagcggaa	ttgcgcgact	gtccaagcga	tatttcgtca	300
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aacatcattt	gcttccttgg	aataatgaac	gtgtctcatt	tgtcgtccac	catgttctcg	420
cctcccgggt	ttgacattga	gcttccgtac	tcggaagacc	tctggacctg	caacaccggg	480
gaaacgtggg	aacggctctt	cagtacagca	ccgcgaccgc	agtcttttac	ggctgccttc	540

cacaatctga	cgttattggc	cggttctatc	ctgcagaatg	aactaagcct	ggcccacctt	600
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cggat						665

<210> 5428  
 <211> 707  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 5428						
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tgatatctgc	aagatcctct	tcgcgatcat	cctccctccc	ttgggtggtt	tccttgagcg	180
gggatgcggt	gctgatctcc	tcataatata	ctgtttgacc	atcctgggtt	ggatccctgg	240
tatcattcac	gctctgtaca	tcataattcaa	gtactagaca	gctctctgca	tctctgtcgc	300
catgcccgtt	ttggttcaca	tcgcccggtc	gaaaaactgc	atcgtttcgc	ggtcaatagc	360
gtgagatacc	aacttttaag	atcgaactcg	cgaccatgat	gctgtcagca	atgttccgcg	420
gtgctccggc	ccaagccacc	ctaattgcaac	cccactactt	ggcaaccacc	cgtgtatcca	480
tttttcaact	gcgacggcgc	taagcgggtc	ggaacgctgc	ttgctcgctg	cgatggcgtt	540
ttggattggt	ccgaactccc	tttgttctca	tgttactcat	gttctgtttt	ttgtttcgct	600
tcggatgata	ccagctcatt	tcgcgatactg	ggcttcgact	ttgctctatt	gtcagtgaga	660
ttagttntaa	tgattaatgg	caattgataa	gacctttagt	ctgtgaa		707

<210> 5429  
 <211> 655  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5429						
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cccggctatc	ccccgcagca	acaatatcaa	caatatccgc	cgtccaacta	cggcgcccct	180
cctcagccta	tgcatacatca	acagtcgtcc	tacggcgggcg	gttatcccg	ccaggcctat	240
cgtcagcaac	aacctaaaca	cgcatacggg	tatggccaac	catctcctca	gccatacggc	300
tcgcatcaca	acggttacaa	cagcccgcag	cagaattaag	gccctctcag	cggaggccat	360
atgtatcaac	aacaatctgc	ctaccagaac	tcctacaata	aaggcggcca	tggattccg	420
gcccgtcctc	ccgatcaacc	ggtctccttc	ggtcaaggcg	ctccccatga	atacgcctac	480
cggtactcag	catgcaccgg	cacgagaaag	gctttgctga	ttggtatcaa	ctacttcaat	540
cagaatggtc	agctgcgcgg	atgtattaac	gatgtcaaga	acatgtcgac	gtacttgcac	600
gagaactttg	gtaccctcgc	tgaaaatatg	gtgcttctga	cggaccacca	actag	655

<210> 5430  
 <211> 659  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5430						
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agagatttcc	aacgcaccta	cttacgtccc	ctggctggtta	atgctcactg	tcttgatcaa	180
cggaaaccctt	ggtttttgcca	tgcttctcgc	cctgctcttc	tgtatcggcg	acattgatac	240
agccctcaat	gacccacacg	gactaccctt	tgctcggtatt	ttcctacaag	caacagagtc	300
catcccaggc	acatgggcaa	gggtcttatt	atacatcgac	catacgcttg	tgcttaagtg	360
ggcatgctgg	cgtccatata	gcgccaattg	tggtctcttc	cccgggaaccg	ggaatccgtg	420
tgggcatctt	tggactcggg	ttacagcgcg	cacagataac	aaacatacac	cgttttttca	480

ccacaacatt	tcacttttct	aaaccttata	acatggtggt	tgattacctt	taaaaatggg	540
ttcatgtgcc	atatgccctt	tttatataca	tgggggtggc	gggtgttcct	ttccgggggt	600
gcctggggat	ttttgaaaaa	caacggggccc	cgggttttaa	aaaaaaaaaa	ccgggggggt	659

<210> 5431

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 5431

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gtcaatcata	tgtggaccct	ttcagccctc	cagttgcatc	agcatccgct	gatcgtatgt	120
gatcgtgatg	cgacactgga	actcaaagtc	aagacagtcc	gctattttga	ggcgattgaa	180
caatccggta	ctgatgcgcg	tactcaaggg	ccgcctcttg	tttaccggcc	gaggacctat	240
gttccctgctc	ctatgggggc	gagcaaaacg	aatcagcaac	ccaccccagc	gtcaacaccg	300
ccgagggttc	ccaaggacct	gagaatcaat	actcagctca	accagacgtt	agatgacgag	360
gagttgacgc	ctgatagcat	gtcttcccga	atggtcgcact	cagccatcag	tggactcgac	420
tcgaccttga	aggggggatct	gatgttcgat	cgcatgggca	ctcgagttat	ctctcactga	480
ccaaacacgg	cacggaccca	cggctttata	agacgtgcac	tgatggctgg	gcgaaagcgt	540
tgcgagctgg	tacgctgctc	tcgacaaagc	acgtgtgcc	taagtaaatt	tgccggtaaa	600
gcactatctt	gtctcatttt	gttgagtag	ggtacagttt	tttgatttga	tagcctggat	660
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<210> 5432

<211> 763

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(763)

<223> n = A,T,C or G

<400> 5432

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ttggaaaatc	gtcttttatg	ggcacactga	ccttatctgt	cttcgacatt	ggaagaggta	180
ccagcagact	tggtcttctc	aagcatcggc	acgaaatttc	gtccgggato	actagctcag	240
ttgcacatga	actgatagga	tacgccgcca	acgaactgtc	cgaggacacc	ctcgacgtag	300
tcaattattc	gtccggcaat	gttgacgcgt	gggacgatgt	gcatgcagcc	tcggcacagg	360
gacgcctagc	cttcgtctct	gacctcccag	gatcagttcg	ttatctaaag	tctacgcttc	420
ggggcctggg	cagctgggct	ccgcactatg	tggtgctgtg	tattccggca	aactgtgacg	480
atgagacctt	aaaggagtct	caaccggatt	ctgcggagca	aactactgat	atcaacttgg	540
ctttgtcgca	cctcgacctc	tgcaataagt	tagagatccc	tacaatagtg	gtcatcacta	600
agatggacct	tgcgtctcgc	gctaacctga	aacaaaatct	tactaaagtc	ctatcggttc	660
tgaagctttc	cggcaaaggc	cggccatact	gcctgtacaa	tcangcagtt	ctgaggcttc	720
actagaacct	gcaccacgtc	ggaccgaagg	acaatgtgga	aat		763

<210> 5433

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 5433

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gctgaggaga	gaaacgcatt	gtggaaggca	gcggtgcaga	ccctggcaaa	attccatcga	180
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cagatctcca	ccttctcaac	ggtgtccaaa	gcgcaggctc	aggcggtcga	cgttgagacc	300
aaggagccag	tgggggaact	tccgcacttt	atggagacgg	tgcgcttctt	ctcgaacaag	360
tctactcagc	cgaaggatcg	cggcacgcta	gtccatggcg	attacaagat	cgacaatatg	420
attttccata	agactgaacc	ccgcgtcatc	ggtatcctgg	actgggagat	ggctacggtg	480
gggcataccac	tatccgactt	ctgcaacctc	acgagtcctg	actatctgga	tggcaccgac	540
cacacgaccg	accagttcca	acctggcccc	atacctgnat	tgcccaagcg	tgaggactgc	600
gtgcngtggt	atcgcgaggt	ggngggatgg	gacccaaccc	cggaccttcc	ctgg	654

<210> 5434

<211> 1040

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1040)

<223> n = A,T,C or G

<400> 5434

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gatctgagcg	cttctatccg	actccagcat	accattcgag	aacgacacgc	aaactgatca	180
tcgctaagag	atggctgttc	catcggttcc	ttataagagg	aagggtggcg	ctctcgtaca	240
atgataagat	caatgaatat	cttggctccc	tgagggtctt	acatccaggt	accgcacgtg	300
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ccagaagtct	tgactatttg	aagactccgg	tgtaggatgat	ctgcgccatt	tcacgacaaa	420
gaaggcatat	ccgctggtac	agatcgaatc	ccttcaacga	caacatgggg	gatcttggcc	480
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gaattattgg	ttgtgctgcc	gcaagacaac	ttctgcttaa	tgggttctcc	gtagtcttgg	600
tggccgaata	tctccccgga	gaccagagta	ttttctatgc	atctgcttgg	gccggagcag	660
catggcatgc	ggctgggggc	attagccctg	aataccgata	ctttcaagcg	atcacacatc	720
gccatctgct	aaagatggca	caggaaagacc	ctgagtcagg	gggtctgtatt	gtggacacac	780
gcgagtatct	tgaagacccc	ccgactgaga	actctgcgat	ctgggggaag	actgtcgtat	840
cgaagtttcg	tgacctaaaa	cctggtgaat	atccccctaa	tttcgcttgc	gggtgggcat	900
acgataccct	cgtcaccgac	ccaacgcgcc	atatgcctta	cctgggaaag	canatcaagg	960
cgctcggggg	tcagttcatt	cggaaacggg	tcgaatctct	tcaggagctg	tacacaatgt	1020
ttcccgaatc	gagcatcttt					1040

<210> 5435

<211> 710

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 5435

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gacgaagaca	ttggcggatg	acgtggcgct	catccgacag	acggcacagt	cgctcattga	240
cgatgggaag	tctgttgtcg	cggctcatgca	ctcctatggc	ggaattgttg	gcactgatgc	300
cctagacgga	ctggcgatca	aacgtctgat	ctacatgact	gcttttatac	cccctagtgg	360
caacagcctc	gcgggtatgt	tcggcgggcca	attgcctcct	ttcataacaa	tcgatgatga	420
aaaggggatg	ttgactgtcc	ctgacccagc	gacctttttt	ttcaacgacc	ttcccgtgta	480

ggaagccgct	gcatgggcca	agaagctagt	ggccaccca	aaatccgccc	agttcgaccc	540
gatctcaaac	gaggcgatc	gcagcatccc	cgccacatac	attgtgtgcg	aacaagatgc	600
tgccctcatt	cccatgggtc	aggagatgat	gatcggaaac	gtgcngaacg	tgggagtggg	660
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<210> 5436  
 <211> 691  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (691)  
 <223> n = A,T,C or G

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acctcacatc	ttccgtgctc	ggttggcatc	gcaatcgcca	agatggggct	gaacgaggag	300
aaaaccacaa	agcttgaacc	ttccacctcg	ggtaggggcg	gtagtattca	tgtcggggag	360
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tgggtggacg	acgctccttg	attccttccc	gggttggaat	ttcttcttct	atgaaacttt	660
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<210> 5437  
 <211> 1101  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5437						
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gagttgaaca	agcttctcga	tgcttgctcg	aaacaaggct	tcttctacct	ggatcttgct	180
ggttccaatg	tgtctcatgg	gctccatcag	cgactgaaag	ccctctcttt	gatgaaagat	240
tggtttgacc	gtcccaatga	ggagaagatg	aagcttcaca	aggattcagt	gaccaatgga	300
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tccagtggtg	tcggtcacaa	catgcacacc	gaccttgga	ctctgactct	cctttactgc	660
gagcaatggg	gtctccaggt	ctatgcgcag	gccaccaaca	gctggaaata	cgtccaaccg	720
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aaggttaacg	agaatttcca	c				1101

<210> 5438  
 <211> 686  
 <212> DNA  
 <213> *Aspergillus oryzae*



<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

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 cgagaacctt gaggcggcac tagaccctag ccgccagaaa ggtcaggtct tcaagcttac 180  
 agcaccagct gacgagcttg gttgtgttga cttcgggtca aataacaccc tttcccttgg 240  
 tgggagcgca gcaacacgag aggagtctct cagagagctt gcgcgaaatc ctaactttgc 300  
 tattgggacc gggggcagcc gtctoctagg cggaaccact cgatatattg acgagctcga 360  
 acgagacttg gccactttt ataatgcaga cgagggtctg attttgcctt ctggatatga 420  
 gggcaacggt gctattcatg cgacgctccc gcagacggga gatgccatta ttcacgacgc 480  
 aaagattcat gccagcacgc gcgatggcat gcgttcctca aaagcacaca tcatacgacc 540  
 atttgcgac aacgacccac aatccttgta cgacgttctc gaagaagtca agctattgga 600  
 gccagcantn gccgatgggc tcaataccgt cttcngnacc atngaatacga tctacagcat 660  
 ggacgngac nngtgcgctc gtggct 686

<210> 5439  
 <211> 852  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5439  
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 ggtgatggaa catggacatg tcaactagca cgatgcggaa acatcgga aa ggagccggga 300  
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 atgcatacag gaagtcgcta agaagcgtac ccgccgtgcc gtcaagtccc agcgtgctat 420  
 cgttgggtgt tccctcgacg tgatcaagga gcgcgcaac cagcgccctg aggcccgctg 480  
 tgctgctcgc cagcaggcca tcaaggacgc caaggagaag aaggccgctt ccgagaaggc 540  
 taagaaggcc gagaaggcca agaacgctgc cgccggcaag ggtaccgccc agcgcattca 600  
 gagcaagcag ggtgctaagg gctctgcccc caaggggtgcc gccaggtctc gttaaaccgga 660  
 atagaagcgg tttggccttg gctggggagt atgaaggaat tcgggaggct tctggagctg 720  
 gaatttgtgt ttcttccaca aaatttatgc aataaatcgg cgtatgtgct atggtttctt 780  
 gcggacgaga ttcccgacgc gctctcagat aggtctctgtc aatgtgcgcc atggtattta 840  
 cccagaaatg gg 852

<210> 5440  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5440  
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 ccggctcaga gaccacagcg ccgaaaccaa acgcagcaaa cgagcccgtc gatgtgattg 180  
 accgaggcct tgtgagcgcg gccgtggcat cggaagcttt cactagatat gtgaaacata 240  
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<210> 5441  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (629)  
 <223> n = A,T,C or G

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tgccaagact accgcagatg atgacaaggc aggttttgatt agcgacgagc aagctaacgt      180
tcaaactgga gctgaagacc gaaaagacaa gagtgaagac gacagcgata atgagtctga      240
tgattctgac tccgatgacg aggacgagga cgagtttcct gtctcacacg aacttgtcct      300
taaaactcat gagcgcgccg taacaactct cacagtggac ccatcaggct cgcgtttaat      360
cacaggggtca acagattgta cgattaaact acatgatttc gcttcaatga ccccttcgac      420
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gcacgccgtg cattatgctg cgttcaatcc cctgtcgcca ggctatgtca tggtcgtttc      540
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<210> 5442  
 <211> 547  
 <212> DNA  
 <213> *Aspergillus oryzae*

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ctccgcctgg ggcggtatct cttctgtcgg tctgggtctt ccaatcctgt ggacggagct      180
cagccgcggg aagggtctca cctctgtctc ggaggatacc aacaccaagc gggccctcca      240
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aggtgatctc gtccccgggt ttgacgccga catctgtgtc ttgcagcact ctgccgaatg      360
ggtcgtggag cctagcacca tgctcttccg gaacaagtgc tcgccgtacc agggtcgcac      420
cctgcgcggc atggtccgtg agacgtggct gcgcggcgag aaggtcttta gccgagacgg      480
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ttcattg                                     547
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<210> 5443  
 <211> 809  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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cagggtctaca actggagact atggccttgc gtcactctct tcggggtcat gggcgctgct      180
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atccactacg attcgtacag taaagtcgag cagaccaaca tcaaggccaa tgtctcggcc      300
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cgtggtctct	gtaccctgtg	tgtcacaggc	ttttgctacc	tcggtatcgt	ncttgctact	600
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cccagttgca	caatatTTTT	gcggccttat	ttttcctcct	ttctttaccc	agaccagtcc	720
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<210> 5444  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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tcatggcagc	cgccaatcgc	cgcgtcgatt	cggggtcccc	ggatggcggt	caagctggat	180
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gatccacgat	ggttgtcggt	tgtggatcat	cctgcgcaaa	ttgttcgtac	tggtcgtaaa	300
catggaccag	gtttgattat	cttagctcta	atccctatta	tctcattcgc	gctcggcacc	360
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<210> 5445  
 <211> 685  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5445						
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aagcttctgg	tgctgttact	atttcctccg	actcgtcatt	gagactgaag	agcagaagcg	480
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<210> 5446  
 <211> 703  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 5446



<223> n = A,T,C or G

<400> 5449  
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agaggctcact ggggagcttt acagggctcc gggccataca cacattctgg agccaccttc 300  
tccgagccct gcagtggcca gtaaggccaa ataggcctat tactcttaat accaattaat 360  
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ccctangctg ggaagaagga gcaaatgtt ccgctccgtc ttttgttccc cgcgtggtat 660  
acaagcgt 681

<210> 5450

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5450  
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tcattccggc cggatacatc atcagtagtc agggatggcg atgggtatgg tgggtggtgtg 180  
ccattctcaa cgcagtggta ctactcttga taatcttcgc gtacgaagaa accagatatg 240  
gaaggcctgc agggaactgt tatatcggtc aagatcccc agccgcactg ggatccgagg 300  
agaagcagcc tacaacttcc aaattcgaca aggaaaaggc gataccgctc cctcgtgaca 360  
caatcccacc caggcctgtg gaagagccta tcccaccacc gaagaagtat tttggaagga 420  
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accctttctt cttttctttt gcaattccac aattggcctt tgttgcattc aaaaatctct 540  
taatgagggg ttggtgggca attttgggtc caaacaaaa ttttctattt tgggggaccc 600  
cccagacaaat ttttaattgg gggggggggg caaatttaaa tttgaccatt tatttggggc 660  
aacctccggg gcaattatgg g 681

<210> 5451

<211> 635

<212> DNA

<213> *Aspergillus oryzae*

<400> 5451  
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gcaaaagcag ataaggccat gaaaagtcgc gatttccaaa tcgcccgcac ccacgctgcc 180  
tctgcagtac gcgagaaacg aagacagggt accctcaaa aggaagcagc ccgggcagat 240  
gttattatca acgagctcaa ggcggcgcaa agtactcgtg atacgtctcg cactttagcc 300  
ctggcatctc ggggcttgga tgctgctct aagagtgtga accttgaggc gttggtctcc 360  
catgcgaaca acttttttagc acgttctgag gatttcaaaa tcgctagtag tgcaatcgag 420  
gatgttgcac aaggtgtctc aatgcgagaa tacggtgctg aggggtgaagc cgacgttgac 480  
cgcttatgg agcagcttgc agatgatgcg ggtgtggacc tacgtatggc tctggatgag 540  
gacgcagccc ccaaagagga cgtcaagaat cagaaagaag ccgagacaga cctcgaggat 600  
ggtttgggag ccagactacg agctttaagg gctgg 635

<210> 5452

<211> 1132

<212> DNA

<213> *Aspergillus oryzae*

<400> 5452  
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[illegible]

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<220>
<221> misc_feature
<222> (1)...(722)
<223> n = A,T,C or G
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<210> 5457
<211> 1008
<212> DNA
<213> Aspergillus oryzae
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- 1911 -





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<210> 5461

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (636)$ 

<223> n = A, T, C or G

<400> 5461

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gcatcttcgc	cagcagagat	cacaagcgac	aggctgcang	aagaagtgag	cccgncacaa	600
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<210> 5462

<211> 1149

<212> DNA

<213> Aspergillus oryzae

<400> 5462

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cccqccctc	agacctccac	tcttgagggt	gttgagcctg	tcaccactgg	ccccgctgtc	360

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<210> 5463

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<400> 5463

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<210> 5464

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 5464

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tactgtctct	ccaacaccaa	ctccccgaat	acaaagctca	cctgtctctgt	tgggaattgc	660
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<210> 5465

<211> 669

<212> DNA

<213> Aspergillus oryzae

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tcggcgtaca tgcgaggcct tgcgccgatg caggaaggca atggtaaaat ctaccgcgtg      300
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gttgggcaa
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<210> 5466

<211> 644

<212> DNA

<213> Aspergillus oryzae

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<400> 5466
cttctgtcca actatctcct ttctgtaaca taccttgtac aaaggctgaa acgcgacaga      60
acatatcaaa agtgggaagtg aggagaatca ccaaagaccg aaagtatcat tctcatatgc      120
atggcttttag agaacatcta taccgccgat acccttctga gagatagtga agtctctaca      180
tcactcagac ttgtatataa cattgaatcc atcacgtctc ttcgactcta gccctccacg      240
ccagcatgcc ttacatcatg gaaatctaca ccgacgggtg ctgtagacgc aacggacgat      300
cagatgccat cgggtgctgca gccgtcgttt tcaagaacag atttggaana tgcaccgggt      360
ggacacgctc cttaccgcga tatccccac ccacaaacca gcgggctgaa atcacggcta      420
tcatttttgc gctggagaaa gccctggaca aattcgagag gctggacaca aatccatatc      480
tggaggtcaa gatctattca gattccagat atgcgattgg gtgtatgaca aagtggatct      540
ataagtgggc aaacaacgga tggaccaatg ctgctggcaa cgaaattgag aatcgggatc      600
tgattgaaaa agcttctgct cttgatgata gattgaaaga ggaa
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<210> 5467

<211> 723

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(723)

<223> n = A,T,C or G

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<400> 5467
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gtcgtctgtg gtgctttcac gccaccttg ctggagtggt ctgctgcggc gagcggaat      120
cctggcctgc gagctgaaga gagaattctg gccgcgggaa ttacaacggg catggcgag      180
ctcaatgagg agcagtacga gaagttcaag gacatgcccg ttggcttcca aggtacacg      240
cccaatgagg gcaagccctt cattggtagc attcctccta ccaaggacag agagctcaag      300
tgggtgggggt ctaagattht caccaacacc cgagaggtac taccgggtcg ttatatctca      360
tcgccccctc ccacattcga ctacaaccag tgggaagggtgc ctgggcctct taagcaggac      420
attgttgagg ccaggaatct atggtatggg cccgcgagcg cagattggaa gatgacgaaa      480
caccgaattht gctgggacgc tttcaccact acctctgatt ntatcatttc tcctcactct      540
gcctccaagg gtctctacat cgcacttggt tgggttcgttc cacggcttca agttctttcc      600
cgtgctgggc aagtatgtcg tacagatgct tgaggggcgag ttagcgccag aattgatcga      660
gagatggggc tgggatcggc agcgtcctga ttcgtcccaa aacgttgagt atcccaacgc      720
tgn
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<210> 5468

<211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5468  
 cccagaagga tcggaagg caattacgtt gtgtttacga ttgattcagt gtatttgttt 60  
 tatcttacac cacctccact caccataacc gtaaatcccc cagctccgct gccttgggga 120  
 agaacgcgac ctgcgcgaaa ctagaatttt ttccaacact ttctgttccg ttactatcca 180  
 acaagatgtc tcacgaggag gatctcattg actactccga tgaggagctt cagaccactg 240  
 atgccgcagc taccactgct gctcccgcgc caaatggcga cgcgcgcaaa aagggcgacc 300  
 taacggtttc tgggtggcgt cccgacaaga agggaagcta tgcggtatt cactcgaccg 360  
 gggtccgcga ctttttactg aagggagaac acttacgtgc catcaccgat tgcggtattc 420  
 aaacaatcat cgtggccccc tcaggtttaca ttctgacccc tattttcaat gtaataggct 480  
 tttgcgagcc atcagttgat atatgtacac tccgcatctt cagtacgtgc atgcgatgac 540  
 gacggatatt gattactgta tgatcatcat catcacgata gtgacgatgt tgtactttca 600  
 ctctgaagaa aatgatgatg atgttctggt ggagaagctc ttgacatctc tgttgatagt 660  
 atcgtctcgac acg 673

<210> 5469  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5469  
 tccaaacgta acacctccct ctacactttt acttccctacg agcgcgggct cctccgctcg 60  
 caatggggca cccaacgcgg cgtcatcggc cgcgactcat tccttccatt cgcttcttgt 120  
 cgctgtgtc tacacccgcg tcgagcaccg gtcgtcgctt gcgcaaccaa cggatgata 180  
 ttttgtcgcg aatgcgccat aaatgacctc ctgcaccaac gacaggagat taagcggtc 240  
 taacgaaaac gagaggaggc taataaacga ctgcataaaa aagatgagcg gacgttgga 300  
 aaagcgcggtg aaccggaact gcgccagttt gagctcgtca gtatgggatt ggaggtagcg 360  
 aaaaataaat ctttcgggca agcgcgaaag acaatcttaa aaacggaaag ctgaagaagc 420  
 ttccgaggca ctggctgtgt ttatagcgag ggaaatccaa atggaccggc agccaaaaaa 480  
 agtgtttgaa ctggattaaa aagaaaatgc accgggttgc tcggaagagc aagaccggtt 540  
 taaccacaac ccgaagaaaag aaaaatctga attcaccaga ctgcccagcc gcaatttttg 600  
 ggggcttttg tgcccccaac aaccatcca atgaaaatat ggccaccaag gcggccaaat 660  
 gaatccccga tggccccgg 679

<210> 5470  
 <211> 702  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(702)  
 <223> n = A,T,C or G

<400> 5470  
 accaaggcgc cctttttacc gccggaacaa gtccctttct gctgcgatta ccctacacaa 60  
 tcgacgcggt tcaccgtacg cgactgtccg agactaaacg tattcaccaa cgtatacaaa 120  
 gcctaagctg tcgaaatggc tatgaacgcg attcagctcg gccttcggct gtgggagttc 180  
 ctatggaccc tgcgtggtcat ggccctcggt ggtaacatga tcgccgattc atttagcgga 240  
 aacctgcca cgcgtaacta tgccatgttt gtgtcggcgt ttccatgtt ctgcgtgttc 300  
 tacttgggtg cagcgctcct taatctcgac tgggcgatcc acccgatcat catgatcgtc 360  
 ttggacactc tcaatgcgat tttcttcctt acggccggta tcgcattggc cgctaggctc 420  
 gagggccaca gctgcagcaa caacgaatac actctcaaca acgagattac caatggctcc 480  
 gtgcaccgcg agaaacgttg ccgtgaggcg cangcatcca ctgccttcct ttggctcgcc 540  
 tgggctggat acacggcttc catcgccctt tcatccttgg gccgcgcgcg atccgtcaac 600  
 cttcgccccc ggacgggtcc cggccgtgga gcccgctcca gcatggccca ngtctaaaga 660  
 gaggaagcct anggagtagg gatctacngt gccaaactgc tg 702

<210> 5471  
 <211> 660  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5471  
 cctgtatcaa gtcacccac gggctccatc caacagtcct ttgattcaag gtgcaagttc 60  
 aatcgccatg aagtggctta tatgtgtcct tgtcgtgctc ctgctcagcc tccaagtcaa 120  
 ggcacttctt catgaaagcc tagaccaaag tgatccagca ccactttcag gagtcgcagg 180  
 caagcatgaa atccccatca atggcgatcc caataacctc ccacccttgc tcccaataacc 240  
 tgatccagcc acacccgacc tggatccag tctcccaata gaaggcggat acggcatctc 300  
 atacgcccc tacaacgatg acggcacctg ccgatccctc gacggaatca acaaagacct 360  
 ggacaagata agcgaacatt atagctacgt ccgcatctac ggcgtcgcact gtgaccagac 420  
 ccaaaacatc gtatccgcag ccgcgcaacg caatctccgc gttttcgcgc gcctctttga 480  
 cctgcagaac ttcccaaaca gcctcgacca aatcatctgg gcagcagcag gagactggtc 540  
 caccctttcac acccataata tcggcaacga actcgtcaac aaaagccaaa atccgcaaga 600  
 cgtagttacc gccgtacaca ccgcacgtgc caaaattcgg gcaacatgct ccaaaggccc 660

<210> 5472  
 <211> 304  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(304)  
 <223> n = A,T,C or G

<400> 5472  
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 gtcccaattg gcttccctga gactccagat tgactgcgaa cacattcacc aaccacagat 120  
 ggaccgcgac cagtttagag ccgctgcgca cgcaacggta gatgacatta tcaactatct 180  
 tgacagtgtc ccgaccggc gtgtctgccc caccgtcact ccaggctacc ttcgtccctt 240  
 catccccgag caacccccta cagaaccgga agaattggtc caaatccagg ccgatgtcga 300  
 cacn 304

<210> 5473  
 <211> 1255  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5473  
 taaactcccc attccatcca tttaggacag gccggatacc tacgtcgtct aggtttctgc 60  
 cttgctcgtc gcgttctccc gccctttttt cgtatcgaat tgctgcgata acggagagcc 120  
 ttccccggaa ggccctcat aaaaccagac gtcattggcg acgtccggtc caagaacctt 180  
 tacgagcttc ttggcaatga tcccagatta gacccagca gacccccgc tctcccaca 240  
 aaagctatcg acaagcccgcc acccctgtga ggcaagcgtg acgcccccaa ggaggctccc 300  
 agccagcccc gtgcgggcca gaactctcgc cgtggtaact tctctggcaa tgaggccgct 360  
 ttccgtgacc gcaacgctgg ccgcaaccag aaccgcgaga agcccaccga tgagaggga 420  
 ggtggtgccc gccgtggcgg acgtcccggt ggcgaccgtc agtccgcac cggccagacc 480  
 gacactggaa agaaggtgaa ccaaggctgg ggtgggcccag agcggcgaga aggaattgga 540  
 cgatgagcgc gccggtgaga agatcgcca ggccgacgag aacgagcccc agactccgc 600  
 cgaggaggcc gagcctgctg agaaggccaa gtcgtataac gactacctcg ctgagaaggc 660  
 cgctgccggt gacttcagcg ccaagccggt ccgtgccgcc aacgagggca ccaaggctga 720  
 ctccaagtgg gccaacgcca aggaattcaa gcgtgaggag gacgagaact acatcaaggg 780  
 ttctctgaa agggccaagc gtgagaaggc tcgcaaggag aagaacatcc ttgaggtcga 840  
 catcgctttt gttgaggccc cccgtggcaa cagcggtcct cgtggccgtg gcggccgtg 900  
 cggacgtggt gcccggtggt gccgtggcaa cgggtcccggt agcagagcga ctgagcgcac 960  
 cgctcctgtc accgtggacg agaagaactt cccagcctt ggcggcaaat aaatacagtc 1020

agtttcatag	cggggggggta	ttctaccggc	acaccttgac	accgggtccac	tgaaagggtcg	1080
aaaacgaaaa	gaatcttgaa	gaaaccctta	cgatgcctct	tcctggaaag	tgacgtgata	1140
tggattgcgg	gaaatgacac	gagacgaaac	ccttcgggtcc	tcgcatttag	gtttaaaatg	1200
gccccgatgt	aatttgattt	gaatgtcaaa	aaataggaaa	gtgtgaattc	aaacc	1255

<210> 5474

<211> 569

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(569)

<223> n = A,T,C or G

<400> 5474

gcaggacgat	gcgtacgatc	atagttgacc	taatgtacaa	gccacatatg	agatgcctta	60
cttgtaattg	aacatatcta	aggatgggaa	tacatatggc	ctatactatt	catgcaccaa	120
caggggcctg	cggtcctaca	acgaccggag	ggcctgactc	gaacccggcg	aagctctcca	180
tggtcgaatt	gatgcaggaa	aaggaacgta	ttgaaaagga	actttcggcg	ttaagcagta	240
tccttacgta	tcacgggtgtg	aacatgaatt	catcgctgac	aacattcgac	gacttcccac	300
gagccgatat	tgacgttgcc	cagatccgca	caatacgcg	gaaaattatt	cgacttcgct	360
acgaccacaa	agaggtcatg	aaatatctgg	aggcagggtat	tcacgatcat	tttgcgaaatc	420
ttcaacgcgc	gcaagggtgat	acatcttctg	tcagtaatac	aaatgggtct	agtggaacac	480
aatccaantt	gactgggcat	ccttcgtcgg	atgccgcgat	gcttggggcca	ccattcgcaa	540
gagtaacagt	gtcgcaaccg	caagtcctg				569

<210> 5475

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5475

gtccatcctt	tgccgctcct	ttgatgggtc	cctatcgctc	aatcgaaatga	ttttaggaat	60
ccgtaatcca	gtatgagact	catatgctcg	ttacctgtgg	tcctccctct	attctcgaca	120
gcgctggcag	atgtcgagtt	catagcgcca	gcgctgggca	caataatgaa	ggccggggat	180
gtagtaacag	cacactggaa	ggactctggc	gagtcctctc	gcatttccga	acttgtacag	240
tacgaccttt	atctttgtgc	tggcggagac	acattagggt	cccaggagaa	cctggctatc	300
cttatcaaag	atgggtgtctt	tgcccgcggc	aactctgttt	ctttcaagat	tgatccagca	360
gttggcggga	acgaacccaa	cgcatacttc	ctgaaaatgg	ttgcatctgg	tcccgcgcgc	420
catgtaatca	atttctccga	tcgtttcacg	ctcacagaca	tggtctggcg	tttctcgtcg	480
aatgtggagg	atggcattgg	tttgcttagc	gaaggccatg	ggcaacagga	actgcgtaga	540
aggcaagctg	ctggagctta	tactatccca	taccaattgc	agaccggggc	tacaagatat	600
gcgcctatgg	ctaaaaagcc	tgggtcgaca	attccagcgg	attagtcgcc	aacttcccaa	660
tttccgacta	gcgca					675

<210> 5476

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(690)

<223> n = A,T,C or G

<400> 5476

cttgtctcat	tcgcagcact	acgtggatgc	tgtccccaat	acatcttcta	tctcgccgga	60
cttgcttctg	ttcaattgcc	actgcgattg	atcaacctcg	gttcccggtt	ttcctccagc	120
aacagtcact	ctccactcca	ttttcgtcgt	ctctagtcta	ctcaaaggct	ttaaagtccc	180

ccagaccaac	ctcaactcga	ctcattttctt	gttcatttttc	acgtctatat	acaacatctg	240
tgaacgacct	tgccaaaatg	agttccctta	ccccctacca	gcgcaaacac	aagggtcacgg	300
tgatcggctc	aggaaactgg	ggcaccgcta	ttgccaaagat	tgctcgtgaa	aataccgcta	360
gcaaccctgc	catcttcgaa	aaggatgttc	aaatgtgggt	ttttgaagag	aacgtggaag	420
ttccaaagac	ctccccctcac	tataacccat	cttcgccttc	atgccagggg	ccccagaagt	480
taacagagat	aatcaataag	acacatgaga	atgtcaagta	tttgccagga	atcaaccttc	540
ctacaaattt	gcacgccaat	ccctcattgg	aggactccgt	taaggacagc	actatccttg	600
ttttcatttg	cctcatcaat	tcattatcaa	gacttgtgag	cagatcaagg	caagattctg	660
ccatatgcgc	gtgggtatttc	ttgcatcang				690

<210> 5477

<211> 387

<212> DNA

<213> *Aspergillus oryzae*

<400> 5477

gggaaagggc	acaggtatta	ctgtcatctc	gattgtctca	ggaaataaga	tccgaaaaac	60
gaaagcctac	catggaagag	gagagcgaga	tacttgaaaa	acttatcctc	tcccgcgcgt	120
caagcgcttc	tgctcgtgct	gacgagcagt	cctgggaatc	tggcgccctc	ggattgggac	180
caagcggggc	accgtgtgtt	atctgccaga	caaaccacg	ttcagtcatt	acttggccat	240
gccgatgcct	ctgcgtttgc	gaagagtgtg	gggtgagcct	tgcaatgaac	aattttggta	300
gttgtgtgac	ttgccgccag	gacgttgggg	gattcgtgcg	gctgtgggta	ccatagaatt	360
cctttcttcc	aattcaattc	cactact				387

<210> 5478

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 5478

ttcttccata	ccattctaaa	gcttgactga	ggagctaacc	atcacaccat	cagagtctgc	60
cttcacagca	taattcccc	aattgcccac	ccgttctgac	aacaaacgga	ccaacaagac	120
cctgaaccag	gtcgaacaat	ttgtctaaga	agaatgtatt	ctcgacgaaa	tggtcttcca	180
cgctcactg	agcgaaggcg	atcagcgatg	ggccacctac	ccatgcgtta	tggaatccct	240
tatgaccaat	gccctccagc	gaggcctgtg	gaacatgata	ctgtccagaa	accacttcta	300
ccatggcgca	ggattcatcg	acctccaata	ctgtctgatg	gccgattatc	tggtaaagag	360
agagttggac	tctgaggcta	cgaataatgt	ttgccgcgaa	ctggaaacat	tggtattgctt	420
gacaagtact	gttcaaata	cagaagcagc	attgctggcg	cccttgcttg	aacggaaaat	480
gcgctccgtc	tttcttatga	ccgagcccga	tggtgccttc	agagattcga	ccaacatcct	540
agtgaacata	cggcgtgaaa	gccaccacca	cgtgctctat	ggattcaaat	tgcgcgatat	600
ccagcgcaag	ctaattcccc	ttgaacttct	aacttgaaat	tggccaa		647

<210> 5479

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 5479

cttaccaaga	gaagatccag	actgagctgc	agagagctca	agaagttgct	gaacagcgctc	60
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ctgatcttgt	tgagcgagag	cgtgagggcc	gtcttagcaa	gcttaacgaa	ctgaccgcca	180
acgttagcga	gctggaaaaag	cttactagca	gttggaagga	cgtgatcgat	actaacctga	240
agaccagca	acttcaagtc	gctgtggatg	cagtcgcgctc	cgctccttgag	cgctcttcga	300
cccctcgctc	atttgttcgg	gagcttggtg	ctgtgaagga	actggctgcc	gatgaccctg	360
tggttgaggc	tgcgattgca	tctatcaacc	ctacagcata	ccagcgtggc	attccctcga	420







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cccagaatcg ggctttatat aaatccacag tagttataca cctcttatct tcatcttcac 120
caacaccacc cgcaacagca atcacaacca tggctcgaca acacgaagct gccattctcc 180
cccagaaggg cggtcccttg tctcttgaa agcgtcccac ccccgagccc ggtccaaatg 240
aggttctcat tgaagtaaag gccgttgctt tgaaccctg cgatcatttc cagcgtgact 300
atggcatgcc tcctgtgcct atatatcccg ctatcatcgg atccgatact gctggtgttg 360
tcgtcaagct gggctcggat gtcaccacga tccctgggcc aggaagccga gtcacgcct 420
ttgcctcacc attctaccag aacggctcnc ccgaccacgg tgctttccaa aagtacactt 480
tggcacaatc cgaagctgtc atcccacttc cagacaatct ttcttttgag gaaggcgag 540
tcttcccatc ggccgtcttg actgccttaa ctgcctggga cacaatcggc attccgctcg 600
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<210> 5486  
 <211> 670  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5486
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aatgagattg agctcaggga aggtgaatat gtgacggaga ttgaaatggt tgacaaggac 180
tgggtggttg gttcaaacgc tcgtggtgag aggggtctct tcccgagtaa ctatgttgag 240
ctactggaag acaagccgca gaattttacc tcgccggact tgcatgagca caatttggac 300
acaaacattc aagagcctta tgcggaaaat agtgcgcctt ttagcttgag ctcaccttat 360
gaaccactgc tacaccgttg gatgattatt aaacccccga aaacacgaac ctaatttttc 420
ggaaggaact gaaaacactt cttttgaaat tccccaaaca gaactggggg tttgggaaaa 480
atccaaaata aaaaggtctt tttccaacac aatattgtta aaactttaaa agggagtccc 540
aaggggggtt ttttcaaaaa aaaaggggtt taaggggcta gaaaaattaa acgcgttcgg 600
gtttttatta tttggggggg ccaatttttt tgggtaaacc ctttgggggt ttgggtgaga 660
cataaacttg 670

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<210> 5487  
 <211> 764  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

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<400> 5487
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catcattctt cgagcaacag atccagtttt actcaaacca tcttcaatcc aaactacttc 180
gagcaaaacg cctcaagatg tataaccagt ggatcggatt caatattgtc aataactctg 240
ggagttttat caagatcagc aatgcttacc tgagtgttgg taaattctat cgttgggatg 300
acaaagacaa cgaaatatct tccgattctg tcatcaatac ccgaaacctc cctggcgtgc 360
aggacctgtc ctocggctct tgtggcaggt cggacgcgcc agttggtacc gagggtgaaa 420
tatctttcga agctgatggc aaggctcgtg cgaaggtagt atgggactgt ccagcgccgg 480
ctgggtcatg gaatatagtg aagagctttt ctgaggctga tgggttttgg ataagtcata 540
atggcgacgg ttctactggt gcaattggac ttgtcacttt cgaaatcagc aatacctagt 600
cattctcttt gtccattggt agtctggtga tgggggctgg gaaaggaaga gctaagctgg 660
gtgatctctg ctatgtatac ccttatgagt atctntcaat aaaaatcttc agttgttgag 720
gattnnnnnn nnnnnnnnnn nnnnnnnnaa aaattctgcg gccc 764

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<210> 5488  
 <211> 647  
 <212> DNA  
 <213> *Aspergillus oryzae*



<210> 5491  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 5491  
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 gaccagggtcc gggacatggt gactcgcaaa gaattaaaga gattcaccaa tgtggacgtg 120  
 caattgctgc aggatgatga cgctgatgcy atgggagacc cgctcgtccaa agagacattg 180  
 ctcagcgggtg gctcatttaa acagctcaac cggggccgtcg gtcaacttat cgacgacttc 240  
 agcatggtct cattttctgaa attagatgtg caggacgagg acagtgtcgc cgctgtttcta 300  
 agccatatcg acgatgccac tcaattccat gaagcgcaag aaccgcgcga acccaacgat 360  
 gagcaggagg ttaattacga ggatgcagac atatgatcga ccataaatat gaagaactta 420  
 attgccaaat taaccttgtt cgaacatatc atctgggacc taccggcggc tacaagacgg 480  
 aaccatctca tccttccaac ttgttatcat ccgaccgcca gaggcaccag aagggtcactg 540  
 acacgctttg atcccgtggc agggattttgc ccgcttatcc gggtcagagc ccataattag 600  
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 caggcgcgaga aatg 674

<210> 5492  
 <211> 691  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5492  
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 attccgagca aattgcccaa gtctgttcctt tctcaaatac ctccctcgcca gcagcctacc 180  
 aatggccgca agaagctcaa agtctaccgc gctccgcctt caagccgcac ggtttgcaaa 240  
 gaccccgctg cagcagtgac agaattctcaa ttgacagccc ttgatccac tggatgaacgc 300  
 aaagcacttt tcgactacag aagaaaccca cgtagcgtga aggtcggcga tattttgcgc 360  
 gtgaccttta agaacggtga cccattctcc ggcgtttgtc ttagcattcg tctgcgcggc 420  
 attgacacta cgttcctgct tcgtaatgag ctactagag tcggtgttga gatgtgggtg 480  
 aagggttttca gtcccaacgt tgaaagcgtg gaaatcgtac agaggacaga gaagaggaaag 540  
 agaagagcca ggttgacta catgagacaa cccagacacg atatgcgcag cgttgagaac 600  
 atcgtctcga actacctcg acagaagtct gctctttctg gccagagagg acagggagga 660  
 cgcggtcgtg gacagaaacg gcgtcgtaa a 691

<210> 5493  
 <211> 1509  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5493  
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 cagccccaga tggcgaccag tgtgcctatg actcaaaatg taggcaaaag tcaaggagaa 180  
 ggagaaccga agactatgtc tcctaaggat gccctgttgg acttcaacga gggagatgac 240  
 gccgggattc ctttgttccc aacaagtcaa cctgacttca accttggtga agcactcggc 300  
 ctccgacgtg aaagctcatc atccttcccg cagtcgcaga actttacttc catggagtca 360  
 ttccccacgc aatacactac accgaatgga cttccccagc agtatccctt cgcgcagcag 420  
 caacaagacc atcagcagca acaacagaac aacctcctgc accagacccc cgaattccct 480  
 gcatcccttc ctcactttga gtctacgaac agtgcgccc gggatcaacaa cgggtgtggct 540  
 tctccaccgg caccgcccac aatggcgatg cgcccagtg aggaagagat caccgccctt 600



ccggatttat	gagaagatct	tatttattaa	ttaaacatat	taatcaattt	atttcacata	540
tggttcaacta	ct					552

<210> 5496  
 <211> 783  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5496						
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gacagcctga	ccacctgac	cggcaccaac	ggccagccca	cttccaccgg	cctcgtctct	480
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gcaggtgcc	tgcccactcc	tttcagcttc	ggtgcccgtg	tgccgcccgtg	tcgcccgtgt	660
cctgggtgtc	atggctgtct	tgtaaacgaa	ccacgaataa	catgctagaa	ccgtcgctat	720
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ggg						783

<210> 5497  
 <211> 1545  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1545)  
 <223> n = A,T,C or G

<400> 5497						
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ctcgacaaga	tcgtcgccgc	tgcccgcag	gccagcgat	ctctcggtgt	cgtcaactcc	360
gactcaggag	aaggctatct	tantgtggat	ggaaatgagg	gcgatcgtaa	caacatcact	420
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gtcatcatcc	actccgtcgg	accagttttg	atcgatgatt	ggtatgacca	ccccaatgtc	540
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tccctacgcg	gcccgaatga	gcccgaaggt	gtactgcgca	agtttgagcg	tattcacttg	1260
gccccttcgc	aggagccgt	gtggacaacg	acctttaccc	gtcgtgacct	tgcaaaactgg	1320
gacgtttcgg	ctcgcactg	gaccgtcact	ccttacccca	agacgatcta	cgttggaac	1380
tcctcacgga	aactgccgct	ccaggcctag	ctgcctaaag	cccagtaagg	agcaagtctg	1440
attgtacaga	gcatttcgag	atztatgatg	tacatgttta	tgaatgacct	anggtagggt	1500

aataacttagt anggttagtt ctaattcttg gagtcaagta ttgac

1545

<210> 5498

<211> 726

<212> DNA

<213> *Aspergillus oryzae*

<400> 5498

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cttttccac	actcagttga	gttcaccatc	gacaacacca	taatttatac	atctgctgtg	180
taaccatggg	caaacacaac	ccccaaagcta	cgaaagagc	tccgactctc	aacgaagccc	240
tagacttcat	cgaacaaacc	tataaagaat	cgaagttgat	catcgtcggc	tgtctagcat	300
cctggacact	ctgtcgactg	aacttccggt	tcgtttggt	actcatcatc	ctagccttct	360
gccgcacgca	ctaccaagta	tccgttcgac	ggatcgagcg	cgccatccga	gacgaactcc	420
gtcgatacca	ctcacaatag	gtcctacagc	gtggtgaaag	cgtaaaatgg	gtaaacgaag	480
tctcggggcg	agcatggcac	ctctaccaac	gccagatctg	taaaacgatc	gttcaatacg	540
tcaacgccgg	gatggggcaa	cgcagcgaag	attcatcccc	tcagaaactg	gtcaatcaat	600
ccctggctgt	tgtggcaca	ccgctccgat	tttaaaaaat	gaagggccat	tcaaacctca	660
atcgggcaat	ttgaacctct	caggagaatt	ctggtttcca	actcccggcc	aacgggcgaa	720
ccaatg						726

<210> 5499

<211> 813

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 5499

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agttgtctgt	gtattctgcg	gtcagtcctc	cggtaacaac	tccgttcacc	tggaaacagc	180
tagagctctt	gcacatgagt	ttcacaggaa	caatatccaa	cttgtttatg	gcggtggcac	240
agcgggcctc	atgggcgaat	tggctcgcac	cctcgtttcc	ctttctggac	cccaagcagt	300
gcacgggatt	atccctcgcg	ccctgggtcaa	agtcgagccc	ggctatgaca	acgcacaaga	360
ggagaggaac	ccttctacag	ttgtaagcgg	gaaagaagcc	gagcgggtcg	tcaaggagcc	420
catgggtaag	atcgggacgc	ttaaagagtc	agagtacggg	tataccacca	tcgtcccaga	480
tatgcacacg	cgcaagcgta	tgatggccga	gaaggtccga	gagggcgggc	cgngtcgggc	540
tttggtggcg	ctgcngncgg	tttcgaacga	tcgnagaggt	catggaaatg	actacctgga	600
atcagtttgg	aatccataag	cttggcatgg	ngttgctaan	tgccaattgg	tactggngat	660
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atcttggtga	ngccaagatg	caganagggt	ggcccaactg	ntntgttcaa	gattaacatg	780
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<210> 5500

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<400> 5500

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cctccatgag	aaggctcgagc	tcaccatcgc	ctctccgaag	ggtggtgagg	ctcccctcga	180
cccctcttct	gtcgaggcgt	tcaagagcga	tcccgtgtcc	tcgaaatttc	tgaaggagca	240
ggagtcgctt	tggagaaga	cccacaagct	ggctgatttc	ctgcctcgcg	tttcggagtt	300
cgatgccatt	ttctacgttg	gtggccatgg	acctatgttt	gacctccact	acgacgagac	360

ctccctctca	ctgatccagg	ctttcgctgc	cgccggaaaag	ccggtctccg	ccgtctgcca	420
cggcccgacc	gtgttcatca	aggcgaccac	caagtccgga	cagcccttgc	tcgccaactc	480
caccgttacc	gccttcacca	acgtcgagga	agaccaggca	caattgaccg	cgctcatgcc	540
atacttggtc	gaggatgagt	tgaacaagat	ccccggatgt	aaatttgtca	aagccgaatc	600
accctggggc	gagaaagttg	ttgtgtctaa	tacctccgac	ggcggtctt		649

<210> 5501  
 <211> 1081  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5501						
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caccccagag	actctggtac	tttttcgctg	tattcaatct	cctagctggc	ctctttctcc	180
gaccgctcac	atcatggcgc	ctcgtggccg	tgggaagtgt	tccaagcctt	cgcgaggagg	240
tgggaaacac	tttagtcgcg	atgttcaacc	agtcgacaag	cacggtaatc	ccgccgggct	300
atggagagaa	ccagacgatg	atgcccgagc	ttcctcacag	gaggaggggc	aggagaagtg	360
agaggaggaa	gtgtccgaat	cagaagagga	tcttcaaagt	agacgctaac	ctggatctag	420
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agttgctata	gcgaaacgga	ttcaagttca	gcctggcgat	ctaccaccgt	ctgattcgga	540
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ggccaagtct	cgctcgcaac	tgaaggattc	aaacccggac	aaagacatgt	cacagttgtc	660
gaggagagag	cgcgaaagcca	ttgaggctca	gcaggagcgt	gaacgttatc	tgaagctgca	720
cgcggagggt	aaaacagagg	aggcccgtgc	agatctggct	cgtctggcta	tcattcgga	780
gcgacgagag	gcagaaaggt	tacggaagga	ggcccgagaaa	gaagagaagg	cagagctagc	840
caagcaacgg	gctgcagaga	tagaggcaaa	gctgaacgcg	aagaagaaag	gtggttcaaa	900
gaaaaagtaa	atgaaacaga	ccgcctgcct	tagcttgagc	actgagactt	tgatgggagg	960
tatgggatgg	ttttattcaa	agctagttaa	gaacttggtt	tgggtataac	actaaccggt	1020
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g						1081

<210> 5502  
 <211> 629  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(629)  
 <223> n = A,T,C or G

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tgggtaaaacg	agccggggcgc	acttgctcgc	gcttctaata	ggcgctctgc	gcaggatgtt	180
ttcacctggt	cgggcggggc	gctggacagg	tcccattggc	catctctcgc	aacagagacc	240
atcagagatg	cgaacgttga	cattgacggg	attcacccaa	cctggaagat	cctcaagaca	300
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tggaaataact	gcgttgaagc	cagtaaccgc	tggcaagagc	ttcgtcatcc	agaacctttc	420
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cgctatgcgc	gacggtcctg	tcgtcccaat	gtcaccatca	gaaccttcat	caccaatgaa	540
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<210> 5503  
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 <212> DNA  
 <213> *Aspergillus oryzae*



<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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 cctctgtcaa aatgctcgaa cctataatga agatggcagc atcctgttcc aagatgcgaa 180  
 tgatattgag gcaaaatgcc tgagtgaact gaagagagag accgagggct acccgcaatt 240  
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 cagcgctcgag actcctagca ctgtcaccac ccccggccaa ccgaaactaa agcttacatt 360  
 caacagtggg aatcgggaca gtacaggagc cgccaacgga accccacaga ctggaataac 420  
 tgaggagtaa tctttgcata aaccttcgtc ctggcttgct tgactctgtt cattaagtac 480  
 aggggagaga catttcccc tcacaacgca ttttgcattt ttgatctttt cttgacatgt 540  
 acccatccgg cnttggaccg gcgtatgtga ctnggtgatg gatgatgggt gatggcgcat 600  
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<210> 5504  
 <211> 752  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

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 tcctatatac accaaatctc atgctacaaa tctcttaaaa cctcacatac aatcaacaag 180  
 ttcacaatcc tccatcgaca aaacaagctg ccccttcaac agatcaaccg gcgtcatctc 240  
 atcatcccc ttcaaccgat catccagcct caaaacacac tcacatcttg cttgcatcaa 300  
 cccctgaagg acctcctcct cattataccc aacctccctc gcaatcctaa cagccaaccg 360  
 catcccaaca gtcaacacca acccgcgaat atcagtcgcc gggatccaa cgccggcatc 420  
 cgcccaatcc aatatgccag taattcccc atcagaatcc acaagaatat gttccccctt 480  
 gatatcatta tgaatgagca ccttccgaga gaccccttca tcgggacgct taaccggatc 540  
 tatgaacgcc gtcttctctt caccatcc ttcgaactca tccccatctg taaccccaaa 600  
 atcaccagct aaaatctgcc cccgactaac cagtagacgt tgtcccaann nnnnnnnnnn 660  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnaa aattcctgcg gcccgttgag catgcattta 720  
 aaagggccga atattgtaat taagtttgcc cc 752

<210> 5505  
 <211> 691  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5505  
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 ttagcaaacg tggatatcca acaacaaagt ctgcaggatg tgtcttggtg cagtgatgtc 540  
 aacggcctgg cctgtttcgc aggactgcta cgtatcctcc agattggaac acagtgcctc 600

tgcttcttta	tcattctatt	cctatacatc	ctatatcttc	ctcgcgatgt	acagtcgtcg	660
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<210> 5506  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5506						
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aaagtgttcc	ccacggtgcc	cattaaaaaa	atttttgttt	tttttaaaag	ggggaaaaaa	540
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tctttat						667

<210> 5507  
 <211> 554  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5507						
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tcaattaccc	ccaaggcctc	ctcgccaatc	aagtcgccat	catcactggc	gccggccagg	180
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aggcggtga	gttcgggaat	gggaagattc	atgttattgt	taataatgcc	gggtttacgt	420
gggatggggt	gattcataag	attacggata	aacaatggga	tactatgttg	gctgttcaca	480
atacggcgcc	gtttaagctg	gttcgtgctg	cggccaagta	cttcggggtg	aaagatgggg	540
agcctcgctg	gatac					554

<210> 5508  
 <211> 458  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(458)  
 <223> n = A,T,C or G

<400> 5508						
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ctcaataaag	tccgagaacg	agtgcaagcc	atcaacagtg	tcgctaagat	ccatgtaacc	120
gatcacagta	agacacctca	gattgaaggc	gttgtgttg	atctgcatgc	ctacgatcat	180
ttggctagtc	tggatttttg	cgaaaaaggg	catagccata	ttgatccggc	tatctctacg	240
atcgcaataa	caacccctcc	catcccatct	gaaaagattc	cgctcgtaga	tgcttggttc	300
cgctccgtcc	tttgggactc	ttctcttcca	cctgcggaat	ctcaatctga	acctcagctc	360
catccagctg	atttcgatat	tcaccgcctc	aaaggcatat	tgatcacaaa	ggatgattcc	420
agcagggtta	ttcaggctgt	ccggnacgtg	tttgagat			458

<210> 5509

<211> 693  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(693)  
 <223> n = A,T,C or G

<400> 5509  
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 gcctctggct tgtacgagga tacagagacc tggcggaagt acagtctttt ctacgacaac 120  
 tacaaaaagg attactgggtg gctcttcgtc cctgcgacgtg tgtacatggt tgtcaagggt 180  
 gtaatcatcg ctgcggggcaa tgggtcatggc ctcggttcagt ccgcggtgca actcattgtt 240  
 gaagctctta tgctagcact tctgctatgg taccggccat atgttgcaaa gtcgagccag 300  
 tggatcaata tcagcatcca ggtgggtccgt gtattgtccg ttgcttgtgt gttgatcttt 360  
 gttgaggagc ttgggtctttc gcagactacc aagactgtga cgggtattgt ccttatcggt 420  
 gtgcaatccg ccctcacagg catcttggcc atcctcattg ccgctaacgc tatcattctt 480  
 tgtgtccgag aaaacccccca tgcgaaacgg agatgagaag ccaaaaaaat gaaccgtgat 540  
 atcgatgatt tgactccttt ggatgcgcgg gaggcgcttc ttatggagaa ttcacccccg 600  
 aaagagtacc cagagatgaa gcagggttaa ttcaccggcc cttacgaacc ctatcgggac 660  
 cactacgaat tcaaagtacg atcaaagccc tcn 693

<210> 5510  
 <211> 688  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(688)  
 <223> n = A,T,C or G

<400> 5510  
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 atcctgaccg tgtacctgcc gattctcctg agcggcctac ccgaacgcgc aaatttcagg 180  
 aaatcaatga tgctattat accctgtcag acgagtcacg tcggagagag tacgacgcaa 240  
 caaggccagt ggaagaagaa accgaggatg aagtaccctt aggtggcacc gggggatttt 300  
 catggtcttc atttgggttt ggcacgagcg accgtgaaca acgtgcctct gaacagtgtg 360  
 gctcggtgtt tgaggagatg ctacgcgaag agggcctcgc tagtgatgat actgacgctg 420  
 atggccgtcg gcggaccagg cctacatctc gcttctggtc tattgttggg ggaataagtg 480  
 gtggtgcact cggattcatt gtcgccaatg ctgccggtgc tttcgctggt gccagtgcga 540  
 gaaatcggct cggcgctgtt cgtgatgcga agggcaaaag tgtctacgag gtcttcctag 600  
 atcttcacac aggtgaccgt gccangttat taagcgaagt ggcagccaaa gttttccagt 660  
 ccacaggttg acgaatactg catagtgg 688

<210> 5511  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5511  
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 tccacatagt ccaagatggg tatctccgac tttttctcgg acattatctc ctcttcagc 120  
 ctccccgagg ccaggctga ggctcccgtc gagaacgttg agcagcccag cagccaggag 180  
 accgagaccg aggagaagcc cgctgtgacc gaagagtcga atagtgaaga gaccgccgaa 240  
 aagactgagg agtccgctga ggagactcct gaggagcctg ccgaggagga gcccagcag 300  
 gaggaggaag aagaggagga agaggaggag gaagaggagg aggagcctga ggacatcaag 360  
 ccccagctcg agggaggaatg tgccaactcc gctcagtgcg ccccatataa gcaccacttc 420

gatgagtgcg	tcgagcgtgt	cactcagcag	caggaggacg	ccgactacaa	gggccccaaag	480
gaggactgcg	ttgaggagtt	cttccacctt	gcccactgcg	cttccgagtg	cgccgcccc	540
aagctctgga	agtcctctcaa	ataagcgtct	cgctccgaaa	caattcctgc	cacgtttctc	600
ttatggttca	atggcaacga	gtttaacgat	ggcacatcat	gtatggacca	tccgaatgag	660
atacgaaggg	ggaactgtgg	agggaactca	caga			694

<210> 5512

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 5512

ctgtcccccta	gaccctttttt	cactacgggt	cctaacaagt	acgatatccg	tttttccaaa	60
aatgagaccg	aacttaggag	gaaagcctgg	tataatatga	cttctggtaa	tcggcaatcc	120
gtcggcgagc	tgtttcgtgg	ctttttcgtc	tactatggaa	gccgatgcaa	aactacacc	180
ccaggcgctt	tcaattggat	ccaagacgtt	gtttcgtatt	gcacgcagg	tggcatcctt	240
tccaagctgg	agaaagggtg	gaacaccg	aggactgacg	aacatggacg	tcgactccg	300
ttcctcatag	caattgaaga	ccccctcgaa	cacaaccata	atgtaggcga	aactgtcaca	360
gacaaaggcc	tgtaagctat	cagagcagag	ttctcccg	ctcagatcat	tatacgtaga	420
gtccaggaaa	tccaagagt	cgggtgggaa	tggcgaacaa	acaatggcca	tgtaggtcag	480
aatctacttg	ctgaagcggg	agataactta	aaccgacaac	aaccctgtgg	aacccccgaa	540
ttccaagat	tcaagaatga	ccagggtgtc	aatactcg	gtgtgattct	ctcaagtga	600
aatcatgggt	accacaaaac	ttatttgccc	cttggcagat	gccccaaaa	aaaggacaca	660
cgccagaaa	tt					672

<210> 5513

<211> 652

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(652)

<223> n = A,T,C or G

<400> 5513

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caagactcct	cctgaaactc	atcagcgtg	gattcgcgtt	tttcgtagct	ggcgttaatg	120
atgggagctt	gggatcgctg	attccgtata	ttcgagaagc	ctaccacata	gacaccaata	180
tggtggctat	tgtgtacggc	acgacctttt	gtggttggtt	ctttgccgct	ctctctaata	240
gtcatctaa	ccagtacctg	gaccttggcg	tgttcttggt	catgggtg	acattacaag	300
tcctagctca	tgccctgaga	acctggctgc	ctccattccc	cctatttgcc	gtgacatttt	360
tctttgccag	tctttggccaa	gcgtaccagg	acacgtacgc	gaacacgttt	gtggcgctcg	420
taaaagcagc	gcategatgg	ctcgggttta	ttcatgcgat	gtatatggca	ngatgtctcg	480
ccggaccctt	catctccaca	ggagtagcat	cggcaggagc	acggtcacgt	tgggagttat	540
tctacacagc	gcctttatga	ctangagtca	tcaactttgc	cctgggtggtg	ttcgattccc	600
gtgagtcggt	tgccctcaag	cgtcctacac	aaggtgaaga	tgagtccccc	cc	652

<210> 5514

<211> 739

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 5514

gtggtccacc	cttccgaatc	acgccagagt	tggagctcgg	cgtatcgggc	tgggacgctg	60
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ttctcggcga	tggagctttt	acgcatgatg	aaacagatac	tgcgcatcacc	catcagattg	120
tcgcatcgcc	tgcactgcc	gagtcctcac	ttccggtgc	gcctgccgcc	tcagagaatg	180
gtgctggcgc	tgttcaaaag	gtcaagcctg	gcactcgtat	cccgggtaga	acgtatatc	240
agccccaatg	gatctgggac	tgcatacaacg	aaggaaagct	tcttcgccct	gacctgtatg	300
cacctgggtg	tactcttccc	ccccatctga	gccccatggg	caagcccacg	aggggtgcat	360
atgatcctcg	cgctagcctg	gctgagcaag	aagaggagg	tgaggctgaa	attgcagccg	420
aagaagagga	agaagattct	gatgaagaga	tggaggaggc	caccgatgga	aagaaggtag	480
acgcccaagg	tgaagactcg	gctgaggagg	aaaatgagga	cgaggatgat	tctgttgatg	540
gagggtatgga	tgttgctggg	acagatgacg	atgaggacga	gagcgaagaa	gaaatggaag	600
atgagggttg	tggattcgag	gaagaagctg	catnccaatc	ggaggatgaa	gagaatctgc	660
tcgactcacc	acaaaaggag	cttgaagcga	agctgctggg	ctccattctn	ctnctctatg	720
ctggcggtgt	ttcaacaaa					739

<210> 5515

<211> 685

<212> DNA

<213> Aspergillus oryzae

<400> 5515

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aaacagtcct	tgtgtgcctt	ctgtctgttg	gcgcttcgc	cattcctttc	gacaagcgag	120
atgcatccgc	tgtcctcgct	gattttaaca	cactctcaac	cgacctgtcg	gctctcggct	180
ctgctatttc	gagcttcgat	ggaacgctca	atggtgcctt	gggcgtccag	cagaaggaag	240
gccaagtaga	gacggcggtg	aagcaaaccg	tcagcgatgt	gaaagcgtct	actgcgttca	300
gtgctgctga	cagcacaagc	gtgaccaatg	ctgtgactgg	tctggagcct	agcattgtga	360
acgttctcaa	cgatctcggt	tccaagaaat	ccggttttga	ctctgttggc	gttaccagca	420
ttgtcgtatc	ggatctcaac	tccctccatg	atcttactgg	ccagctgtca	actgagctcc	480
agtcgaaggt	cacttcgggt	gacgcatcca	ctatttctga	tgaggctgcg	cgacttgatg	540
cggaatacaa	gaaggccatc	gctgcctatt	cctagattag	cgtgccatgt	aaacccccta	600
tcaaccgatc	gacgaaggat	gcgagtagg	gtgatcagag	ctagaaaaag	gacatccaag	660
caggattaag	cctttctttt	agcat				685

<210> 5516

<211> 675

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 5516

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tcgcagtggc	gggcctgctg	gagctgtgcc	cggtggtatg	caggttgtcc	cttatgttcc	120
tcagcccgc	ggcggtcaat	atggtcaccc	tgataccttc	aagcgccacc	acccacaccc	180
caaccgggct	gctgcggtg	catatggcgt	tccttatctt	caaggacagc	ccgtcccgc	240
ccctgtagct	cagcctgcc	tgcactatgg	tggtgcacct	cagccgtatg	ctggcgcggg	300
ccctcaccag	cctgcccctt	atggcgcccc	ccaggctgct	ccgcacgcg	gtgggtccgac	360
tccggtcgcc	cctgttggcg	gagctatgcc	cggtcaacca	ctgactcagc	agatctatat	420
ccccaacgac	atggtgggtg	ctattatcgg	caagggtggt	gctaagatca	acgagatccg	480
tcaccttagt	ggcagtgtga	tcaagatcaa	cgagccacag	gagaacagca	acgagcgtct	540
ggtgactatc	acaggtaccc	aagagtgtaa	ccagatggct	ttgtatatgc	tttactcccg	600
acttgaaagc	gaanagcacc	gtatctaagc	ggagggaatga	gtctacgagc	ttggcttaat	660
ctgtttcttt	cttcc					675

<210> 5517

<211> 528

<212> DNA

<213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(528)  
 <223> n = A,T,C or G

<400> 5517  
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 aataaagggt tgaatcgtgg ctagcaatac tttctttgaa gtatgagtaa caaccatgag 120  
 gacgcggacg gcattccgcg gaaagccgac cacctttgtg tcttgatcca tggattctgg 180  
 ggcaaccctt ctcatatgga ccacctcgca gtgtcactgc gacagcgata cagtgaggac 240  
 cgctccacc ttttagtcac agagcgcaac atcggggaacc tcacatacga tgggaccgaa 300  
 gttggcggcg agcgagtggc tcacgagatc gaggaaacac tgaacacatt agccgacaaa 360  
 ggatgtccca tccgaaaact gagtatcgtc gggactcatc tcggaggcct gttggccaga 420  
 tatgcaatag gattgctcga cgcacgagga tggttcgaca agctaaaacc ggccaacttc 480  
 acaactttcg cgtggcacat tgtggcggac ggattccccg aaagtttn 528

<210> 5518  
 <211> 1264  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1264)  
 <223> n = A,T,C or G

<400> 5518  
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 cgtctgttga ggtgctgctt ttttgcgcc gttgtcgccc accatgaagt cgaccttggg 120  
 tacggcctct gtgctgttgg gctgtgcttc cgccgagggt cacaagctga agctcaacaa 180  
 ggtgcccgty tccgagcaat ttaacttgca caacatcgac acccatgtgc aggtctcgg 240  
 ccagaagtac atgggaatcc gtcccaacat caagcaagat cttctcaatg agaaccggat 300  
 taacgatatg ggacgtcatg atgtccttgt tgacaacttc ctgaatgcac aatacttctc 360  
 cgaaatcgag atcggtactc ctccacagaa gttcaagggt gtcccttgaca ctggcagctc 420  
 aaacctatgg gtgcccctct cggagtgtgg ttctatcgcc tgctatttgc ataacaagta 480  
 cgactcatcc tcgtcctcca cgtaccagaa gaatggcagc gaatttgcca tcaagtacgg 540  
 ctctggtagc ctgagtgggt ttgtttctca ggatactctc aagatcgggt acctgaagg 600  
 gaaggatcag ctgttcgccg aggtacttag tgagcccggc cttgcttttg cttttggccg 660  
 ctttgatggg atccttgggg tgggatttga cacaatttcc gtcaacaaga ttcctccacc 720  
 cttctatagc atgctcgacc agggcctcct cgacgagcca gtctttgctt tctaccttgg 780  
 agacactaac aaggaagggt atgactcctg agcgacattc ggcggtgttg acaaggatca 840  
 ctacaccggc gagttggtca agattcccct tcgccgcaag gcctactggg aggttgacct 900  
 tgatgctatc gcccttggcg atagcgttgc tgaactcgat aacaccgggt tcattctgga 960  
 taccggcact tcccttatcg ccttgcccac cacccttgcc gagcttatta acaaggaaat 1020  
 cggtgccaag aaaggcttca cgggccaata ctcggttgac tgtgacaagc gcgattcctt 1080  
 gcctgacctc accttcaccc tgagcggata caacttcacc attggtccct acgactacac 1140  
 tcttgaagtc cagggatctt gcatcagcgc cttcatgggc atggacttnc cttgaccggt 1200  
 tggccctttg ccatactggg tgacgcgttt cttaagaagt gggacagtgt ggacgacccc 1260  
 cgca 1264

<210> 5519  
 <211> 2022  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5519  
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 aatgaactgg tttatctgac aagacgatct gagatcgcca ggagtcagaa caaaaaggga 120  
 aattgaaaag atgccatttc gtcgaagccg acgtgcgacc gagttctcat ccaacatggc 180

attgactcgt	cgactccagt	cttggcacac	cggccaaaat	aaagacaaca	aaaagggaat	240
tagaagagaa	attaaaatta	tcagaagacg	cctttcaacc	ccctgccaa	tgcccaataa	300
cacgaaaaat	aaacaattaa	tgccttggtt	cctgcccctc	tccttcctag	tgatacccca	360
tttctcggtt	attttgatat	ctctctcacc	atggctgacc	ttttcaccac	catcgagacc	420
ccctcggcc	aatacgagca	gcccttgggc	ctgttcacat	acaatgagtt	cgtcaagggt	480
aagagtggcc	gcacttttga	gaccatcaac	cccaccaacg	agaagccgat	tgtagccgtc	540
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ggtgagtgg	gcaaggtcac	tccctccgaa	cgtggccgcc	tcctcgtaaa	gctggccgac	660
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ttcaccatgg	ctaagggcga	tgttgccgcc	gccgccgggt	gccttcgcta	ctacgggtggc	780
tgggccgata	agattcacgg	ccagaccatt	gacaccaacc	ctgagtctct	tacctacacc	840
cgccacgagc	ccattggtgt	ctgtgggtcag	atcatcccct	ggaacttccc	tcttctgatg	900
tggctcctgga	agattggacc	tgccatcgct	gccggttaacg	tcgtttgtcct	caagactgct	960
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cacatggata	tcgacaagat	tgcccttcacc	ggttcgaccc	tggttggtcg	tatgattctc	1140
caggccgccc	ccaagagcaa	cctgaagaag	gtcactctgg	agctgggtgg	caagtcccct	1200
aacattgtct	tcgacgagc	cgacatcgat	aacgctatct	cttgggtccaa	cttcggtatc	1260
ttcttcaacc	acggccagtg	ctgctgcgcc	ggttcccgtg	tcctgggtcca	ggagggcatc	1320
cacgacaagt	tcgttgcccc	cttcaaggag	cgcgcgcgtg	ccaacaagct	cggcaacccc	1380
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ggaaccgagg	gttacttcat	ccagccctacc	gtcttcaccg	atgtccacag	cgacatgaag	1560
atcgccaagg	aggagatctt	cggccccgtc	gtcaccatcc	agaagttcaa	ggatgaggag	1620
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cgtgaactgg	gctcctacgc	ccttgagaac	tacaccagg	tcaagactgt	gcactaccgc	1860
ctgggcgacg	ctctctttgc	ttaaataaaa	gttatgaaat	aatgaaatat	tcttacaagt	1920
tccattttgg	cgatgccttt	gatctttgtc	atctcatgta	aacataggat	atgaattcac	1980
gatgaaattg	tgactaccta	aaaaaaaaaa	aaaaaaattc	ct		2022

<210> 5520

<211> 1710

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1710)

<223> n = A,T,C or G

<400> 5520

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gaactacaaa	gttcgcacca	ccttcaaaaat	gggtaaggaa	gacaagcagc	acatcaacat	180
cgtcggtatc	ggccacgtcg	attccggcaa	gtccaccacc	actggtcact	tgatctacaa	240
gtgtgggtgt	atcgaccagc	gtaccatcga	gaagttcgag	aaggaagccg	ctgagctcgg	300
taagggttcc	ttcaagtacg	cctgggttct	tgacaagctc	aagtcgcagc	gtgagcgtgg	360
tatcaccatc	gatatcgccc	tctggaagtt	ccagacctcc	aagtatgagg	tcaccgacat	420
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tgccctcaac	aagatggaca	cctgcaagtg	gtctcaggat	cgttacaacg	aaatcgttaa	660
ggagacttcc	aacttcatca	agaaggctcg	atacaacccc	aagagcgttc	ctttcgtccc	720
catctccggt	ttcaacgggtg	acaacatgat	tgaggcctcc	accaactgcc	cctggtaaaa	780
gggctgggag	aaggagacca	aggctggcaa	gtcccacggt	aagacccttc	tcgaggccag	840
cgatgccatc	gagccccccg	tccgtcccac	cgacaagcct	ctccgtcttc	ccctccagga	900
tgtctacaag	atctctggta	tcggtactgt	gcccgtcggt	cgtgtcgaga	ctgggtgtcat	960
caagcctggt	atgggtcgta	ctttcgctcc	tgccaaacgtg	accactgaag	tcaagtcctg	1020





<210> 5523  
 <211> 1604  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5523  
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 gaatacgctg ccttctacaa gtctctctcc aatgactggg aggatcacct tgccgtcaag 180  
 cacttctccg ttgaggggtca gctcgagttc cgtgccatcc tctatattcc taagcgtgct 240  
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 gctgaagacc gtgagcagtt tgacaagttc tactccgctc tcagcaagaa catcaaactt 540  
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<210> 5524  
 <211> 433  
 <212> DNA  
 <213> *Aspergillus oryzae*

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 tattgagtcg aagttcaaca ttacgctcga tatccctaag caaggctctg gacgttccga 180  
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 cgacaatggc tctttcttcc gtcggcttcg taacgactac caagtgaccg tggatcatgc 360  
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<210> 5525  
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 <212> DNA  
 <213> *Aspergillus oryzae*

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 gggcaacttg gccaaagactt acaaaacccg gttcgaaaag ggcacaaagt tgatctaccg 180  
 cctgactcag gaaaagcgcc tttggggtag tgacgttttg actgacaccg aagccgggca 240  
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ctccggaaaa	tatgttagtt	cccaggtgga	acggtgatta	gtcgtcgaga	tctgggggga	600
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<210> 5529

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(648)

<223> n = A,T,C or G

<400> 5529

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gcgccccag	acccaatggg	ttagcttcat	tgacgatgac	actttctggt	tgtcccttcc	180
cactgtcgcc	gaggagctga	agcttttcga	tgtgaccaag	aagcactata	tcggctccct	240
gtcgggaagcc	cactggcagg	ttgacacctt	tggtcacatt	gcctttggcg	gtgctggtgt	300
tttcgtgtct	aagcctctcc	ttgacgttct	cgaagaatat	tacgacgaat	gtcagtcctg	360
gggtgagcag	cctggagacc	agaagctcgg	acagtgcac	cagagatacg	gagatactcc	420
ccttaccctt	tggccctctc	tttaccagat	ggacatgaan	ggtgagggtg	acggcggtga	480
caantcgggc	cggaagaatg	agtccctcca	ccactggaac	agttggtaca	ctaaggacgt	540
tgtcaagatg	acgaccgtgg	cancggccgc	cggtcgccgg	tcantgcttc	gtcgtctgggt	600
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<210> 5530

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 5530

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cgactatttc	aagtagtaca	cccattctctg	cgccatccga	tgcatgcgcc	acctcatcaa	180
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tctacagtac	ctacaccacc	agcacggggg	cctgcaacac	ccaaatctgg	ggcgaaggct	420
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cgttcgagac	caccacaacc	ctagtctatc	gatccccatc	accaacgccc	agctgctcgc	600
ttaacaccga	agaatgcatt	ccctatctgg	caaacctaca	caagctccgc	gacgcctact	660
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<210> 5531

<211> 1140

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1140)

<223> n = A,T,C or G

<400> 5531

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agcaaaagacg	aattgtccaa	gttcggctgc	acgtcttctg	gatataaatt	gacattccac	180
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cagcaaaaat	gcctcccggt	attcattgcg	tgcgccatgc	tcagggtttc	cacaatctct	300
gcacagaaaa	tcattgtcatt	cgcgaccccc	tgctcaccca	cctgggcaat	gaacaatgcc	360
gcaaaactctc	cgagaacttc	cccttccatg	acaagatcga	tctcgtaact	gcttctcccc	420
ttcgccgtac	catctacacc	gcattgcaga	gtttcggggc	cgtcttcgaa	gcgcacaagg	480
acacgaaatt	gcttctcctc	ccggacgtgc	aagaaaccag	cgatgttcct	tgcgacacgg	540
gtagcgaccc	cgttgatttg	cgaaaggaaa	tcgaggagaa	tggattgccc	gttgacccat	600
cattggtgca	tgagggatgg	aacaacaaga	ctggtcggta	tgccccaaact	catgatgcga	660
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aggctctgta	caagaaagga	atccaggggt	gggatgacct	aggtttgcaa	ctgagcacgg	1020
ctgaactgta	agcggccaat	gttccagagg	gcaaagaagt	tgatggtgtc	cgtgtatgag	1080
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<210> 5532

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 5532

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tccgtcgaga	tctggacaca	ttcgcgagc	cacctgccac	atcctcgccc	gcattacaag	180
gccagatcgc	agcttcaact	gcttccttat	cgcgcaccgt	cgatgactac	tcagctctat	240
cgaagaaaaga	gttgataccc	gaaaaacaac	aaaaggcgtt	tgagagagta	aataattttc	300
ggtcggagct	agcagattac	cgactgcatt	tcgataggct	acgcaaagaa	cgagaggatg	360
cccaatccgt	gacaaaaccgt	aatgaactac	ttggtcgacg	tcacatcac	acagcgacac	420
ccgagaaccc	atacgcccaa	tcttcccttc	ctcagtcgtc	ggccttcgct	ccatcttcgt	480
cccgcggggg	gctcagtttc	ggcgcttcac	ccgcagatta	caaccgtgag	actcatgcgc	540
ttcgcgagca	atctttcttg	gccaacacga	gcatacagct	tgatgaattc	ctcgaccggg	600
gacgtgctgt	actagcggat	cttgggcanc	ancgagaggt	gtngaaggga	acgcancgtc	660
ngctggatag	tgtcgctatt	accctgggag	tcagcgggtg	aaccatttcg	aa	712

<210> 5533

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 5533

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gtgggtggac	gagcagagtt	tgacagctgt	cttgaaaatc	tcatttcagg	ttcctgatga	180
atatgtgggc	tctggctctg	tagttgattc	actgacgtct	gttcttcatt	gcctacgtgc	240
tctttcgtca	gaagtcagtc	aggttacagc	agttcttctg	cctacaatca	accaaggtaa	300
aggtttgaaa	cgtaagggtg	atcctcgaga	agccgtgaaa	gaggaagctt	ctgtcagatc	360
cagcagcgca	gcagttatga	cgacgcttca	gaggcaaaca	catcctgttt	gtttcacctc	420

gaattcctcg	tgcaatttgg	caactgatag	ctgctctgga	catggggttt	gctataaaaa	480
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catcgtcacc	aaggaagatg	gcactgttca	aaaaattcgg	tggggagggc	ctgctgtcga	600
aaaaagagat	atcagctccc	ctttcttctt	gattgcaggt	atcagtgtag	tggtggtcat	660
ggcggcaggt	actgccgtt					679

<210> 5534

<211> 1543

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1543)

<223> n = A,T,C or G

<400> 5534

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caccatcgct	gaggetcagc	accttggtct	ctccgttaag	atgttgactg	gtgatgctct	180
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gcgtcttatt	caagggtggt	ttgctggctc	tgctcagtag	gaccttggtg	agaaggctga	300
tggtttcgct	gaggtcttcc	ctgagcaca	gtaccagggt	gttgagatgc	ttcagcagcg	360
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gtaaacgctt	gattacgctc	atttcattta	atattatccg	atctggatat	cacttgagca	1380
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cctttattac	tttgcctatc	gtatatagag	cgaattttcc	tttctttatc	atgtatgtat	1500
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<210> 5535

<211> 616

<212> DNA

<213> *Aspergillus oryzae*

<400> 5535

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tactactaca	acattccgaa	acgtgtctga	agcgatcaag	atggaggcca	aggcaagcaa	180
tgagaacttc	aagctggaga	acctctttaa	tgtaaggggc	aaagttgccc	ttattacagg	240
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ctacatcaca	ggtcgaactg	gcgagaagct	cgaccgcgtt	gcagaattat	acaacaagaa	360
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gctgggtgcaa	gagatctcct	cgcgcgaaaa	gtacctctcc	atcctgatta	acaacgcggg	480
catcagcag	tcgaccacga	cgacggagaa	ggaggatcct	aaggagctgc	gcaaggagtt	540
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gcaactcttg atgact

616

<210> 5536

<211> 1148

<212> DNA

<213> *Aspergillus oryzae*

<400> 5536

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<210> 5537

<211> 115

<212> DNA

<213> *Aspergillus oryzae*

<400> 5537

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<210> 5538

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 5538

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ccatctggtc	cctgttttgc	ctggaggcaa	gccattcacc	cagccagatc	tcggattgct	180
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atcaacgggt	aattgtttga	tgatattcaa	acactggatt	tccatctatt	atctactatt	480
ctaggggttt	gttaaagttc	cagactgggt	aatatgcaag	ctgctgacga	ttctccactt	540
acgcaccgcc	ggacataccg	ggattaacac	cgtcaaccac	atataaaaat	ccgggccctt	600
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<210> 5539

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

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 ggcattgcgac acttcttttcg gcgaatcttt ggattccgtc aacattcttc tctcacaac 180  
 tccccccaga gacgcagcat gagctcctct accgtggcag ttctttacgc cctcacactt 240  
 tcagtacctt caatttccac aggtcccag gatgcgaaag agaagaaaca ccatgtctca 300  
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 gcctgttact atgtcgagta cccagcgggt ctgagagtac tgtttgacct cgtcttcgag 540  
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 atcaaggata taccattat cgacgcagtg gtgatatcn 639

<210> 5540  
 <211> 1266  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1266)  
 <223> n = A,T,C or G

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 ccggcgaca acgtcacgcc tcataccaag ccggcaccat tggacaccat cccaacata 180  
 gactcaatcg aaggcacagg gactgatgga ggcgacgaat atgctacttt gaagaaactc 240  
 cagagacatt tagaatacat ccagctccag gaggagtaca tcaaggatga gcaaaggagc 300  
 ctgaaaagag aacttggttcg tgcacaggaa gaaattaagc ggatacaaag tgttcccttg 360  
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 ggctcgaatt atgtcgtccg gattctatcc acgtcgcgac gcgagaagct caaaccatcg 480  
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 ttcgacctgt acaggcaaat cggatcgat cctcctcgtg gtgtcctgct atacggccct 720  
 cccggaacag gtaagactat gctgggtcaag gcggtggcga atagcacaac tgccagcttc 780  
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 gacgccattg ccacaaagcg ttctgacgcc caaactggtg ccgacgtgga ggttcaacgt 960  
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 attatggcta ctaaccgggc cgatactttg gatcctgctc tgctgcgtcc aggtcgtctg 1080  
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 accatcgcat ctaagatgtc cttgtccctt gaggtcgacc ttgactcgtt gattgtgcgt 1200  
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<210> 5541  
 <211> 620  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5541  
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gagagtatct	cggcctttga	tatcgcgact	atggcagcta	taagtactgg	ggcgactgct	240
aattttcttg	aaacaatcca	aacgactgga	aatacgggtt	gtggccgtca	tccaattggc	300
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tacgtctctg	catttgctgt	actataacct	gcttggtctc	ctgggttctt	cccgtttgcc	480
cccctgttg	ggggttcatt	accatctcgt	ataagtttag	atctctgttg	tactgctttt	540
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<210> 5542

<211> 1486

<212> DNA

<213> *Aspergillus oryzae*

<400> 5542

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gcatgtccat	gacacagtct	ccctcggaac	tcttgccctc	gtttaaatag	tcttctctct	180
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gtctcctcgt	cttgggttcgg	gcataatcca	ggtcttcgag	aagacgaaaa	acaccgacat	300
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caacgagatc	gagaagggcc	gtgttcagca	gctccagaag	aagatcgacc	agaagcgtgc	1260
caagttagac	tggggtgtcc	ctctcgacca	gcttcccgtt	atggagtggg	acgactacgt	1320
cgagcaggcc	aagaatggcc	gtggctctat	tgccattggc	cgggtgtgtc	cacgatgtga	1380
ctgacttcat	caaggaccac	cccgttgcca	aggctatgat	caactctggt	atccgccagg	1440
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<210> 5543

<211> 1176

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1176)

<223> n = A,T,C or G

<400> 5543

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taccatcatc	ttgtcctgct	caaactctgt	gtgcggggta	aacagcgatg	gcggaccgac	180
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tgaggtagat	gtcgtgtaac	gatctcctgg	gaatcctcaa	cagcccgacc	tctgcatatc	300
tggctcacga	tcagttttcc	tcgtcacggc	ttgccgacgg	cttgcctaat	gccttagatg	360



atcaacacgg	cgatgttcaa	aatcaagcac	tgaatgtct	cggtccactt	gtgaatcgac	420
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ctatcgatac	ctcagttcct	aataccgctc	tacgcgtcat	tgtcacggcc	cttccccggt	540
ctcaagctgg	gcaaccacct	accccagatg	tttccgtagc	ttactcatct	gtctccaaaa	600
ttctcatccc	tcgcttgacc	gggtcccacac	catctcaatc	tggcagaaga	ggctccgtca	660
tcaagggtat	gctggagaaa	gaccttctta	agggatttag	cagcgatgcg	attgatgttc	720
tgattcaagt	cgtcacctgc	ttcggaccac	ttctcaagga	ggccgagtta	acggctctcc	780
aaaagtcagt	gatgtctatt	attgacaacg	acacagctgg	tactgtagtc	acgaaaagag	840
cgctggccgc	tatctccgcc	ttggtacctc	atttctcaga	agctcaattc	gcctcgttcg	900
tcgacgaact	cgттаагааg	ttcaataatc	cacggattag	cgtcgtgcac	cgaaggcacc	960
ttattgccac	agtcggtagt	gtcgcaagga	gcagcccaac	caagttcggc	cctcatcttc	1020
ccacactcgc	tcggtttggt	tttgctaccc	ttggtgaagt	tatcgcgact	tagaāatacta	1080
gaaacaaaaa	gattaatgaa	actagctgaa	tgatttcttc	ggaaaaaaa	annnnnnnnn	1140
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<210> 5544

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 5544

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cagctgtccg	tggtcatcat	gaacagcttg	gtggctacac	cacctgtgcc	tccacacttc	180
tacgaatatt	cccgtctttc	ctcctctcgt	ccaatgtcta	caccaaccta	caccctaat	240
agccgcaagc	ggaaagccga	cgacgatggg	aacgatcatg	atggacgaat	gtctgcctct	300
ccgacgagct	cgccagcctt	cacaccgagg	tctcttccaa	gccggaatat	gaaacggggc	360
cgtcctaaatg	tcagcgggcg	acccctgtca	cttcctcgtt	tgtagagac	cttagatata	420
gatgctctcc	gggggggtcct	tcggtcgatg	tgtgaacgcc	atccgggggt	agttgatgaa	480
gttgttcata	ctgctcctcg	cccagtggtg	tcttctgcgc	ttcaggtgct	tcgaaactac	540
caatctactc	tccaatcctn	cttccccttg	ggcggcaacc	caacatccga	ctacgcttat	600
aatcgagttc	gacaacctct	atccaatcct	ctggatgcct	tgagcgactt	nacaacgcac	660
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<210> 5545

<211> 547

<212> DNA

<213> *Aspergillus oryzae*

<400> 5545

gcctgcaaga	cccttggttca	taaccgctgt	gccttacaga	tctgcctggg	gtgtcccgct	60
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acctacaaga	agttctttaca	gcctgcttcc	ggtgataaga	agaaagcggg	cctaacttat	180
agcttcaaca	tggagggcgtt	cctgaagagc	ttgccaggcg	agcacgctga	atatgctgcg	240
gtactacagc	aaacacaaaag	cttcaatgaa	ttcatcagtg	aaagagaaaag	agtcaatccc	300
aagtccaagg	acccaagaat	ggcacttttt	gatgagattg	tcttgcttaa	acgtaatcgt	360
gggcggactt	ctttcttctc	cagccgaatg	cagacagatt	tcctttcgga	tacgtcgaat	420
catctctggg	taactgccag	tgetagttcc	ttcgggtccag	gtagcagggg	gcaacaaggc	480
ctttctgggg	attataccccg	tgtcggccct	taacaccacg	ccaacttgat	aattgcttga	540
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<210> 5546

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

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ttagtcggag agcggcaacc cttcaaaaat cgggcttgag ccagaaatct cgaagcttgt      180
cctaggtcat ggatctgac accatccaag attacacaag gtctacacaa aaatggatga      240
actcacaagg tggcagcggg atgacttgga aaagtttaac attgaaagcg ctgttgaatt      300
gagtgcatat ataccagagg cagttctgcg ggcggaacta caccgaagaa gtgggatcag      360
agactctgac aatgataagc catcgtgtgg ctcgagggat cgaggtgttt acaacactcc      420
agtacatgta atggcactgt tcctcattct actgctgagt actttagctt gttcattccc      480
tgtacttgcc cgctcggttc cactctccc aataccacgg cgttttcttt tcctttccag      540
gcattttggg acaggtgtat tgatagctac ggccttcgct catttactcc ctacggcggt      600
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<210> 5547

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(666)

<223> n = A,T,C or G

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aacctggaga gcgagaaaga tattctttct attttggtga caagccctcg aatatatgct      180
atccagcaag cgggccctct atacaaacac aacatccaat tctccgcgag ctacgcgctg      240
ggatggtatt cggcgagagg gcgtatatca gctgtggagg cactgctcga aaagggcgct      300
gacctagaga gcagatgcga tgttggtggc acacctatag tatatgctgc taagtacgga      360
catgagagtg cggtcaggct gctgcctgaa aagggtctta tagtaaactc acccactttg      420
tgctggcccc gctggacgcc actaagttgg gctgttcata atgagcataa ggatgtggtc      480
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cagttattag gagctgcaca atttggagat gcgaaatttg ttaatctact gctcgagagg      600
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<210> 5548

<211> 537

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(537)

<223> n = A,T,C or G

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aaagcgacac ggtatcgaat tggaagaaat tccagaggct ttccacccaa tcgccgga      180
gaatcaaatc aaagatctgc aaaaaatcta ctttgacgac gaaagttaca ataaagggtca      240
cggccatgta tacgaatacc tcggtatcag ccccgagaaa ggtgcagttg tgattgtcaa      300
accagatcaa tatgtctcgg ccgtgattgg actggacgat taccggcaga taggccgctt      360
ctttgaagga ttcttgattc ctcaagggtga atccgcctct ceggagagca aattataagg      420
ggttgccctc attggatgtg catactatgt gataaaacac attcagatat gacgatcatg      480
aacatgaaca atnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnttct      537

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<210> 5549

<211> 616  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(616)  
 <223> n = A,T,C or G

<400> 5549  
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 ccatatagtc ctaagccgga gtctcctacg acggcacgcc ctctagattt tgatgatgaa 180  
 cctcaagaat ctggcattac ctcggtgtct gcagctgtag ctacgcagca tgcgacagac 240  
 gttgccccgc agaagccgcc gcgtccactg agcccgcac aacagtccga aacaaccctc 300  
 aaagaagcgt ttccaactat tgaagtgtca gtaatcaagg cagtcttggg agcgagcaat 360  
 tgggacgttg aacgcgcttt ccatgctctc cttggtatga ctgacccag cgctgccgag 420  
 caagatgttc ctctccaaa gccacctcgc ccctctgcaa cacagagaca gttggaagca 480  
 gatgaattgt atgctcgcca gcttgccgag cattacaatc gccgtggacc ccaatcccgc 540  
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<210> 5550  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5550  
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 gcgcactcgt gtgtcctcgg gcgtctcat caagcacatc cagcatttcg cccgcgaggt 180  
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 cagcactccc atccggaacg agtgccaccg tatctgcgac gtgacgggc tggaatccct 300  
 tgtcgatgag atcgccaaca agatcgtcac ccgaagacgg tgtctcccc acctccaacg 360  
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 tccaggaccc caaccctaac ggcaagggtca cctacatgca cggagtcctc agggacatgg 480  
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 agtccacttt caggacccca accagaccga aaacaaactg cgcgcgaagt tccgctccaa 600  
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 agggccacag g 671

<210> 5551  
 <211> 651  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(651)  
 <223> n = A,T,C or G

<400> 5551  
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 aacaggccat tgctcgagaa ttcaaccttt cagaatcagt tttcatacat gatgtcgacc 180  
 caagcaacga ccccgacccg cacacccgcc gcacgcacat tttcacgacg accgaggagc 240  
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 acaagctcat caccaaggca ggtcccattc ccattcgcct cgatgcggga gaagggtcgc 360  
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ctcctatttt	cagcatcgtg	aaggggatga	cttttgcctt	tattcccttc	ccgagtcctg	540
atctggtatc	tcagggttta	ccaggcgctn	tcccttgctg	aatgcgcgac	ctttgtgatg	600
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<210> 5552

<211> 1294

<212> DNA

<213> *Aspergillus oryzae*

<400> 5552

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tcgttcgact	gtttcacacg	atcactgccc	cacagagagt	ctgacacaat	ggccacacca	180
ccatcgtaga	ccaagactac	ccacaccgcc	acatatgctg	gcatcaaccc	aactcagccg	240
ggcctgtcca	cggcgggcaa	ggttgtgctg	atcactggcg	catcaggcgg	catcggccga	300
gccacagcct	catccttcgc	tgcatcggtt	ccccgagccc	tcactctcct	cggtcgacgc	360
gccgacgcgc	tggcagaaac	agccacgatt	gttcgcacca	gtcacgcaga	ggtgacgatt	420
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tagagcgcta	gcgcaaagat	ttgcaatgaa	atgaatgcta	gaaagtatat	tgctccgacg	1260
aaaaagacaa	aaaaccacgc	tatccaaaaat	tcct			1294

<210> 5553

<211> 638

<212> DNA

<213> *Aspergillus oryzae*

<400> 5553

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attaatgccg	gggtcaaatat	actggcacag	agcatccagt	catatagaga	tgagaaaccg	180
ttcgaactgg	atctgcaaac	actgtttcaa	ttcacaacat	gtgcctttgt	gatgtcccc	240
atgaccttcc	tgtggttgga	aggtctggaa	tcagcacttc	caggtcatac	tagcgaggag	300
cccgcgcgca	ccaagtcaac	gaccgaaaag	gcggataagt	tcaaacaaaa	gaagttaaata	360
gtgaaaaaca	cgggtggcaaa	ggttgtgatc	gaccaagtcg	tcgggtggcg	ctgggctacc	420
gtccttttta	gtttgaccat	gggactgctg	cgtgggcaag	agtatgatgt	tcttatggac	480
cagattcgca	aagatttctg	gccccctctg	atcgcgggat	ttaagctatg	gccattgggt	540
tcaatcctga	attttactgt	cgtcccagca	gataagagac	tcttggttgg	tagtatattc	600
ggtgtcgtct	gggctgggta	cttgagcttg	atgtctgg			638

<210> 5554

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(637)

<223> n = A,T,C or G

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<400> 5554
ctctgggaag cactggtagc ccgctattca cagccgagcc tattgtagag gtcgcaaaga      60
aaaagggagt ccccccgcc acggttcttc tcagctggca cattgcccgt ggatcctccg      120
ttctcgccaa gtccgtcaca ccttctcgta ttgaggacaa ccgcaagttg gttcaactcg      180
acgagtcgga catggctacc attgccaaat acaccgacga cctcgctgcc aggaaagcct      240
tccagcgctt cgtctaccct cccttcggcg tcgacttcgg attccccgac aagtcataaa      300
ctgtttggag tctacctacc aagcatctcc tggcacatat gaccaccgga tgcgaaaagc      360
agggtcttcc atccaccttg ccatacctct actatcgtga atagacaggg caaaatctca      420
gtgaaccatt aggttatta tttccttata gagaggcggt atgtgcccgt tagtggtgag      480
tgtggacgat ttgagtgagc attgtataac agcctgggga gcctggataa atagtnttga      540
ttctttggat ttgtttatag atagacgaca tatatccctc atgaatgatg ttccaggaag      600
cttctccctt gcttgggtca attgtctatg cttagga                                637
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<210> 5555

<211> 1495

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5555
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cagctcctct tccgtaataa gactgatcca cccttgttt tccactggat ccctttcctg      120
ggtagtacgg ttacctatgg gatggacctt tatgcgtttt tcttttcttg cagacaaaag      180
tatggcgaca tctttacctt catattgctt ggtcgaaaga tcacagtgtg tctgggcatt      240
caaggcaacg aattcattct caatggcaag ctgaaggatg tcaatgccga ggagatctat      300
agcccgctca ccacgccagt ctttggctcc gacatttgtt atgattgtcc aaattcaaag      360
cttatggagc agaaaaaatt cataaagttt ggccttactc aggcggcact ggagtcgcat      420
gtaccattga ttgaaaaaga agtgcttgac tacctcaaga catcccccaa cttcaaaggg      480
acatctggca gggtcgaaat cacggatgcc atggctgaaa taactatttt cactgccggt      540
cgagcattgc aaggcgagga ggttcgcaaa aagctcacta cagaattcgc agacttgtat      600
catgaccttg atcggggggt cactccgatc aacttcatgc ttccgtgggc accgctgccg      660
cgtaaccgga agcgggatgc agcccatgag cgcatgaggg agatctatat ggatatcatt      720
aacgagcgcc gcaagaacct agaccgagag acctcggaca tgatctggaa cctcatgcat      780
tgtacctaca agaatggaca gcctctgccc gacaaggaga tcgcccatat gatgatcact      840
ttactaatgg caggtcagca ctcatcgta tctatcagct cttggatcat gttacgacta      900
gcctctgagc ctgcagtcac ggaagaactc tatcaggagc aaatcacaaa gctcagcccg      960
gatggaagaa cccttcgcgc actgcagtac cgcgatctgg atcttttgcc ccttcatcaa      1020
aatctcatca aggaaactct gcgcttacat ctttccattc actctctcat gcgcaaggtc      1080
aagaacccga tgccggttcc tggcacacct tacgtcgtcc ccgcagacca cgttctacta      1140
gcatctcccg gtgtgaccgc tctcagtgac gactacttcc ccaacgcacg ccgctgggat      1200
cccatcgctt gggagaaccg ggttgaaaag gaggtgaag aggcattgtt cgactacggc      1260
tatggcactg tgtccaaagg aacatccagt ccttatttgc cctttggcgc tggccgccat      1320
cgctgcattg gagagaagtt tgcttacgtt aatctaagag tgattgtggc gaccatggcg      1380
cggcacatga agctattcaa tgtagacggc aaaaaagggg tacctgccac agactacttg      1440
tccatgttct ttcgtccctt cgaaaccaac caatatatgt tgggaacgac gcctc                                1495
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<210> 5556

<211> 413

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5556
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ctgcttcggt aaatatggg atgttccttg caggcccgct attggccggg tatgctgttg      120
ggggattggt ggcaactgtg cccatttact tgagtgaatg ttctgacccc cggatcgcg      180
gtctcattgg tgggactctg ggatgcggga ttcccttggt tactatggct ttccattggg      240
ttggatacgc ccgcagcttt gcaccggatg ggccagtcca atggcgaatt tcacttggaa      300
tttcaaattc cggcggatta attatgttct tcgggttgaa acaccttatg cctaaattct      360
ccgggggaact ttgcttccaa ctgggaacgt cttgccgacc actctaaata act                                413
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<210> 5557  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 5557  
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 gaactcatta cgacaatgct cacttgctcc gaaattgaag gtggacggaa atcgacattc 180  
 atactgcata ccattcaatt gattcttccc aagcttgaag ccgctgttga agaggatctt 240  
 cctgaggcga ccgaactagc acgcttagct gaagtntag ttacaaaact ggaatcaagt 300  
 gcaacaaaag caaattcggc ccggagaagt ggggatgtca tcgatgagaa gctccatcaa 360  
 ctcttcagaa tctgtgttag aggtatcgct ctggcgacag gaaatgttaa tctccgagaa 420  
 actttctaca acatatgctt atcctacatc gcccgatatc tccagcccgaa tacaggacac 480  
 gagagtatca aacagcatag ccacagatt gtcaagatgg ctggcaccac actgattgaa 540  
 ccgatatgcg atgatgcata tgctggtcag gagacatgtc ccgtgtctgc tcttatggtc 600  
 ctcaatttcc tggcgacctt cgtaaacagc gggagaatca atttggcttg agtcaatttc 660  
 ccagtc aaat 684

<210> 5558  
 <211> 721  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5558  
 aatataacgc caactccacg gccgcggtct agacgtcctc atcaacaacg caggaatcca 60  
 acccgtgacc aaggaggagg gagaatatc ggataatctc accgaaacat tcaacacaaa 120  
 cgtaaatgca cccacgaag taatccgtac attcctaccc cttctccgca aaggagaccg 180  
 aaagggttatt accaatatat ccacgacgtt aggtctctata ggcaaggcgt cacctttcat 240  
 ggcgaaattg actccggcgt ataataaac caaggctgctg ttgaatatgc ttactgtgca 300  
 gtatgcgctt agtcttgggg atgaggggtt actgtctttt gtctaaacct ggggtggttaa 360  
 aaaccgacta gggggaccaa aaacataact ccccgtttca ccggtgcaaa gcaatggcaa 420  
 aaataatcct taaggccaat ccaaaaaaac aaatgggaaa ttcctatata gtaatatccc 480  
 caggttgata aacataaaaag ggggttatata tattcaaaag gtgcgaaaaat ccccttgatga 540  
 tgattacgga tgacataaat aaagtttttt taccacggac gaccggtggg atataaatca 600  
 attattaact atatccctgt ctcagtatac taacaattaa taatgtatga agacatatca 660  
 tagaatagat atagaatgat atataactaat agcttggcgg atgcacatt ggatctaacc 720  
 a 721

<210> 5559  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5559  
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 ccccgatatat catcccatat cgagtaaagg attgatccac ggttccatcc gatctagaag 120  
 atccaaggaa tcgaacactc tggttctgga tcctctccgt tgcgtccctt tccaggatt 180  
 tggttctcag cctcggtgtg tacgatcatc aagaactgac tgtacaccgg atcattcgct 240  
 ttaagcgccg ttcgctatct ctggttagtcc aaagttttca aatctcgcat tcggggccgt 300  
 ttcagtcatt gtcatatctg taccgaaatt cctacaatcc tcgacgaatc gtttgacagc 360  
 agacacaacg ccatacctac ccgcattca accagaacga atcgcggaat ctgtttctct 420  
 atcagaatct ccatggcgta cgaacttgct taaagcgttc caaaagtatt tataaatgg 480  
 gagcgtatcg tttgaacgaa ttccacgaat atggtgcagc aacttcctct ccaaggaagt 540  
 tcacgaaaga tcccttcaa cgtttccgac caatatgaaa ttcaagatgt caattggtga 600

aagtgcctac agtggttggtg tgctctgcca tccacaaacc aatctgggtca aaaaagtcgc 660  
catc 664

<210> 5560  
<211> 698  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5560  
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aaccatagaa tacactacgt acgtctttat atcgggtttct gcatgagagc aagttcattc 120  
agatagtagc gagtatacca cggcaataat gtgcggatcg gacatcttcc tcgcgatcct 180  
cgcgatattc ttcccacggg tttcagtagt gatcaaagta ggcatttgta cagcagattc 240  
gatcatcaac cttgcccttt gttgtctcgg ctatgtgccc ggcctactac atgcctggta 300  
tatcattctc aaatatccag agcaggaccc tgatgatcca tattacgaac cggttcccgg 360  
taacgcccac cgaaggagc tcgaaaacgg ccatgtgaca tactactacg tttctcatca 420  
acagatccag caccggtctc agagaggcta cggcactgtg gcaccaacta cggcgacacc 480  
ccccctgcaa caacaatcac agtccactcc taagccccag aatgagcccg cagccggtag 540  
cagcggcgat caaacacagg gtgattcgcg accaccaccc acgtatgccg aagccgtgaa 600  
gggtgaccat aagggtacagg actgattcag gcatgcgtgg aagtccttcc taccactatc 660  
tagccatcgc ttatctgaaa cgctgctatg cgtaaggg 698

<210> 5561  
<211> 672  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5561  
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acctttactg cctccctcct ttcgccatga cgatgcgaga atatgctggt ggggaccagc 120  
aaaaccccac cggctatggc tatgggggaa acaacaacta ctatcctccc cagccgaacc 180  
gacaaggcaa cccatctccc cagtcctata accaccgaa cccagcggc tacaatccgt 240  
accttccatc tggttcaaac ccttccgaga caaattacaa ctacaattct gggaatcagt 300  
actaccccac gcagactgaa tatcctcagc cgcagccatg ggggtggacc tcccctccgc 360  
ccgggaacta ctaccagcag cgggagaacc gatcatacca taaccctcca tatgggggac 420  
agccaccata tccccattct gaatccccgc ggcccaacca gacggacgcc taccctccta 480  
aaccctatcc tctccctcc cgcgaacagg gcggttacgg ccaatacccg ccggcgccac 540  
caccatattc ccctcagccc accggtagca ccgatacccc gaatgctgaa acggaagaaa 600  
ggacagagga ttccctcggg cggtcgcggg cggggcagct ggtgccctac ggtggtcata 660  
aagtcaatca cg 672

<210> 5562  
<211> 702  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(702)  
<223> n = A,T,C or G

<400> 5562  
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acctgctcgc tcgccacctc cggcctggct gctccccaga tcgacaacct cgtctcccag 180  
gcggaaggta tcgcccagac cgtctgagacc ggtgtccccg gcgctgcctc atccatcacc 240  
tctgcccggg gcgcccgcgc ctccagcgca gagagctggg gctcctccgt cgcttccgac 300  
gcccagagca gggcctcctc catcgcaccc gaggccagct ccaagctgag cgacagcctg 360  
accaccctga ccggcaccaa cggccagccc acttccaccg gcctcgtctc taccacctcc 420  
gccagcggaa ccgagaccac cactgccaca agcacctcca ccaccggtac ttcttcttcc 480

tcttcctctt	cctcctcage	tggcagtgcc	tcctccacca	gcagcgacgg	tgcaggtgcc	540
atgcccactc	ctttcagctt	cngtgccggg	tgtcccgggtg	tcgccgggtg	cctgggtgtc	600
atggctgtc	tgtaaacgaa	ccacgaataa	catgctagaa	ccgtcgctat	ttttggtacg	660
aaatactatg	ttacactata	ccatgaatga	aggcggggaat	an		702

<210> 5563

<211> 1291

<212> DNA

<213> *Aspergillus oryzae*

<400> 5563

cactcaacta	aaatcatcac	aatgggttga	atgggccaca	aacgtccctc	atcctgcaag	60
ggatcgatgc	atgagctgcc	ccagaacctg	ttggagcaga	tcaagcaatt	cgaggacatc	120
tttaccgtgg	acggcgccaa	actcaagcag	attgcggacc	atttcgtgaa	ggagctcgaa	180
aagggtctaa	gcgtcgaggg	gggtaacatt	cccatgaatg	tgacctgggt	catgggattc	240
cccgatggcg	acgagcaggg	aaccttcctc	gctttggaca	tgggcgggtac	taatctgcgt	300
gtctgtgaga	tcactttgac	ggaagagaag	ggcgctttcg	acatcaccca	gtccaagtat	360
cgtatgccgg	aggagttgaa	gacgggtaca	gcggaggagc	tttggggaata	catcgccgac	420
tgtttgcagc	agttttattga	atcccaccac	gagaatgaga	aactgtctaa	actgccattg	480
ggctttacct	tctcctatcc	tgctacacag	gaatacattg	atcatggtgt	tctccagcgt	540
tggacaaagg	gtttcgacat	tgacggagta	gagggccagg	atggttggtcc	cccattggag	600
gcaatcctca	agaaaagagg	ccttcctatc	aaagttgctg	cgttgatcaa	cgacactacg	660
ggcaccttga	tcgcctcttc	ttacaccgac	tcagatatga	aaattggctg	catttttcggc	720
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cacgttggtc	tgccccctac	gaagtatgat	atcatcatcg	accgcgactc	ccctcgccca	900
ggacaacaag	ctttcgagaa	gatgactgca	ggtctttact	tgggagaaat	attccgtcta	960
gccctcttgg	atctgttgga	gacgaggcct	ggtctgattt	tccagggcca	agacacattc	1020
caactccgga	aaccttactt	gctggacgcg	tgcttccttc	gcactatttg	agatgatccg	1080
tacaagaact	tgtaggaaac	tcaagagctc	atggagcgca	agctgaacat	tagggcacc	1140
atcaggaact	ggaaaagatc	cctcccttgg	gggaattgat	atggactcct	gcaccacggg	1200
ttaaacgttg	gttggggagg	caccctcgag	atcacaaagg	ggcatctttt	tgtgtaagct	1260
cccctcgat	agggactcgt	ggtttactcc	c			1291

<210> 5564

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<400> 5564

ctaaagctga	tgaggaggag	ctgctacaga	accttagggc	tttggaggcg	aagaaaggca	60
ttcgagctca	ggatgaogac	gatgaaatgg	aactcaatac	ttccccagtt	gaagaggagt	120
ctgataagcc	cgagaagcct	tcgattgttc	gcttcgaaat	gcctcatatg	cggttcaacg	180
cacagctcac	tgtgcaagat	gatactctgt	tcactctcgg	aggtacctat	gagaaagggtg	240
atcgtgaatt	tacgtttaat	gacatgtact	ctatcgatct	cgtcaaaactt	gacgggtgtca	300
aggagatctt	ctataacgaa	ccagagaact	ggaatctcct	taacgaggag	gaagagagcg	360
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atgcgatgtc	actggatact	ggctcccccg	ctcctacaga	gacaacgggtt	ccgtctgtga	480
cgcaagaaat	gggacaactc	gaggtagagg	agccagaggg	agagcaatct	gtacagggtga	540
gtaggcctct	tcccggactt	tcgaaagcct	gcgtgagtct	tcaaacgtac	gtctgaagag	600
tggcagaaga	ttttgcttga	aagggtttaag	gaaagggttt	ggagccggga	tgaatattac	660

<210> 5565

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<400> 5565

gaagcctccc	tatggacaac	gctttgggtg	acctggtttc	cctcctgggtc	cagggttccc	60
taatatgccc	tatggagctc	ccccaggatg	gttccctccc	cccggacaag	ggttcccccc	120



gccaggccaa	tttctctccc	agatgccaat	gggtcctgga	ggccagcatc	agaccccccc	180
tccaccgagg	ccgatgcccc	gtgcgggtcc	catgaacatg	cctaagaaca	catccgaact	240
accctctgat	aagccctcca	gtaagcctgg	tagccgtaat	ggcacgcctg	cacctagtaa	300
tgcggcccaa	aatgccccca	cgccgcccgt	tgagtctaag	ccgccagttt	cggaggctct	360
tcaagcggcg	actggtccta	ctcaagttaac	ggctggcaact	gctaaggcgc	cacccactgg	420
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tcctcagggt	cctgggcccc	ctgggggtccc	acaaggccag	gcttaggcag	cgatcactga	540
agctactcgt	gctgctactg	gccgttgtag	cagctgtcat	gggtaagttt	gcccaccccc	600
ggtgcgcaaa	aaaagaccgc	ccgatgtttc	cgtgaagggg	ggtactaatc	aaattgctga	660
aatatgttcc	tctatcacc	tcgggtggaca	cctgagcggg	tttctctctc	tcacc	715

<210> 5566

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5566

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cggcgacagg	cagggcatag	gtcggagtgg	tccagtgcc	ttgcaacaca	tctgcgacag	180
aagggtatgg	cacaggatgt	tgtaaatgga	tccagtataa	gcgaatagca	gacctggcag	240
tccagctcat	tctgaacagc	gtccttaagt	ctttcgaaac	gctgggttttc	ctgggtctata	300
ggctcgtgca	tttcaaattt	gagatctgac	gcacatagct	cgaaacgacc	gtacttgact	360
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acagcacatc	ggccccccag	tcacctaacc	aatgttttcc	aaccaaacca	taattccgta	600
cccgaatggc	ttgtgaatcc	cattttttaa	tcgtccctcg	acgggatatg	tgattcccg	660
tcctcataaa	attggggggca	agcaaaaacc	aatan			695

<210> 5567

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 5567

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accactact	tcgtacctt	gtcgttggtg	gtctcaatgg	cgttggcag	cgttgacaac	180
atcggatttg	gaaccaccca	gacctacctg	tacgtctggt	ccatgggtgtc	ccaccggact	240
gtcatgttat	cgattacggt	cgtacaaatg	gatcgggggtg	gtgggcgcgc	ccatccgaat	300
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ggcacagatt	tctgtgtctc	atgccgaact	ggcgcagggtt	acgtcgctca	tcctgctggg	480
atcgttcttg	ggcaatggga	tcggctccgc	gatcgctgggt	gccatttact	ccaatcaact	540
gcgtgaccgg	ctgcgtttgc	atctcggaca	cagtgttgat	gaggccaccg	tcgtccgggt	600
gtacaactcc	attacggata	cgttgccgaa	ctggggaacg	gtggagccaa	atgccggaaa	660
ccc						663

<210> 5568

<211> 721

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

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 ggtagctgcg cactgtccga ttggaacttg agttccttgc ggatgcgtcg gtcattactc 180  
 cgcaacaact gtcctcgata gtatcccaac taccocagga gaacactgaa cgttccgcct 240  
 ctgtacctca atcggtagct caatcgagc cacctgtcca gcgtcaccaa cccctgttg 300  
 cagccccaac tccattcaa ccttctccag cccatactc tcttccacc caacagtttg 360  
 ccaataacct gttgaacgag aaggccgcct atcaaccgcc cccgcagcat tatactcccc 420  
 caccgcctgc ttatcccaa gctcccgcg gctctctcggg cgctaattgc ctctacgctt 480  
 aactccaac ggatcccggt gatctggctc tccagcccca tgatcgggtt caagtctcgg 540  
 agcatatgaa tgccgatttg tggcggtggtc gtaatgagcg gaccaacttg gagggatctt 600  
 tccctcgtaa ctatgtgagc gtgatagaaa acanggcgcg ccaagctcta cgagttacgg 660  
 aaatatgccc ctogaagtca ggcagagtgc tccgcttgaa accccgacga ataaaaaacc 720  
 g 721

<210> 5569  
 <211> 1071  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1071)  
 <223> n = A,T,C or G

<400> 5569  
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 gtcaaagcac atccaagtga ccatcccaac cctaacagac acaagaatgg atcaaccagt 120  
 ccaactcctc tctaccaaac gcctcaaadc aaagagtacc ttcattatct ccctgcaaca 180  
 cggaaacggc accgcaactc ccatctacga agtcgcagtg ttatcctcga aaccgaacct 240  
 ctccatctcc cgctgcagc ctgcatacca gcagcaacca ccaccaccgc ctcaatatgg 300  
 ctatccacca gcaccaaacc catactacca gcaaccatac cctcctccaa acccatttcc 360  
 accccagcaa taccgatgc acccccaata tccaataaac aaccaccac ccaccaaaac 420  
 aaccatagga accgtttccc tctcctccat gtcctccaaa atcaccatct caattcacaa 480  
 catccccgaa ctcaaaatga agcgtccgga cttcctcgcc tccgggcacc aattcaccca 540  
 tccccgctac ggcacccctc aatggaaaga aagcgatctc cttgagaaac gctttaagct 600  
 tgctgactcg aacaagaccg tgctggcccg gttcgataag tggaagttac cggaccacca 660  
 gcggcaggaa tcgaaatcgt ccatgtgggg tggttcctcg tcatcgacga agaagaagaa 720  
 gaaggcgtgg gcattccaaa tctttgtaaa tgccgatccg gagctgttgg attggattgt 780  
 ggtagtgga ttgggggttg ttgagtatcg gatcacttcg gataaggagt gggaggagga 840  
 gcttttgga aatgaggatg gttggctcggc tttgttgggg tagtttttgt ctctgtctta 900  
 ccttgcttat acatctttgta cctggaatca tttgtgctgg catacttttt cttggatggg 960  
 gacagactta ttgtaaggat gaacttttgt atgtacggga ttactggctg ttcgctatga 1020  
 gaacttggtc tctgnnnaaa aaannnnnnn nnnaaaaaaa aaaaatttcc t 1071

<210> 5570  
 <211> 450  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5570  
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 atcatgtctg cttcgtgttt ggcgttgaga cggctgaccc accggtctcc ccgcactttc 120  
 cagtcccgca tctcctccgt ctccagaatc tcatctgcgg cactcctctt ctcctccctc 180  
 aacgctcttc gcgcagttaa ctgcaccgct cctcgagtct ctcgtttctc aacctgggca 240  
 cctcttcagt ctggctctca ggatggcgcc ctccagaagc cctacgatcc cgaaattcag 300

gacatggcca	actatattca	caactacgag	gttaactccg	acttggttta	tgacactgcc	360
cgtcttgtgt	tctctgatac	cctaggtgtg	ggattggaag	ccttgaaatt	caaagagtgc	420
accaagcttt	tgggtcccgt	tgtggaagga				450

<210> 5571  
 <211> 656  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(656)  
 <223> n = A,T,C or G

<400> 5571	
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cgcgactcc	caccgggacc
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gaacaatgct	cctggatgtc
tctactgtgt	tggtgcgggc
ctgtcgggtca	gttcgtcctc
agggttcccg	taagacgcct
tttcgcatga	gagggcggtt
gtattaattt	tattaactga
tggttgtgaa	gggatttagt
anggttagat	tanatgggga
	atcattgatg
	tggttgggtc
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	120
	180
	240
	300
	360
	420
	480
	540
	600
	656

<210> 5572  
 <211> 636  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(636)  
 <223> n = A,T,C or G

<400> 5572	
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cctcatcggc	ggacttattt
gtttctacct	tctccacct
gtccgctgtt	ccacctcgtc
tcgtggtgct	cgcgaaagg
tatcccggca	gagttcaatt
tgctactaac	gaatcgaata
ccgtgatcca	agagatgacg
aagtccatac	acgctatatc
cacaagggcg	cggttggagt
aggtgcagtg	agaaccattc
	tggagtgc
	tggagn
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	636

<210> 5573  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 5573  
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 tctccaatcc atgttgacat tgggtgcagca ctcaactggt tgtacgtcct tcatggccgc 120  
 aagattgtct atttcccttc cactgatcaat cttaatgctg ttctgttact ggcacaactt 180  
 gggctcggaac agttcaacgg atatgacggt ggctggattc gagtggagct acgaccagggt 240  
 gatctatttta tcatgcccc atcatgtcca cactgtgtct tcacaccaga tgattcttta 300  
 gttgtcgggtg gccactttta tacctcggcc cacttacccct caacactgga aggggttcaat 360  
 cttcttgagc agaagcaagg catctctaata gaatcgtag aggatagtca ctacgagacg 420  
 ctgcagaga tcttttagttc atacgacaaa gttgcgacac cggaggaggt caagcgtgtc 480  
 tgggtaactt gcgatctggt ccttggttcg cggacaaaac cccggccaac cacatcccgc 540  
 gccaaatttta taaattctct aggggattgt tataacaggg cggctgaaag cttctcacia 600  
 gaaccagaat aattagatac aggtgacaga gagagaggga gaaatgcatt ataccggaat 660  
 gcagcccctt tn 672

<210> 5574

<211> 797

<212> DNA

<213> *Aspergillus oryzae*

<400> 5574  
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 ggaagtctta atatctctct tcaaacctca cattacatct acactttact tctatacata 120  
 gaatacaata caatacacta cagccatcat gcctaagatt accgaaatct tctttgattg 180  
 tgacaacacc ttagtcctct ctgaggagct ggcttttgag gcatgcgcgc accttataaa 240  
 tgagatctcg gagagccgc gtatccctga tcgtctacaca ggggagcagc tgattcaaga 300  
 cttcgtcggc cagaacttcc gtggaatgat ggtctccctc caagccaagt acggattcga 360  
 gatgccccaa gaggaacttg aagcgttcgt taagaaggag gaggacaaag tcatcgctaa 420  
 gctggaagcc aaagctcagc cttgtgtcgg tgccaacgag gaacttgaga agctgtacaa 480  
 ggccaagaag taccacttgg cagttgtctc ctgctctgcc ttgcgcgcgc tccaggcctc 540  
 catcaagaaa gtgcgacagg acaaatTTTT tgacgaggat atggtcttca gtgctgccac 600  
 ctctctcccg aaaccacact ctaagcccga tccagctatc tatctccacg cccttgaaaa 660  
 gtgcaataag aagccggaag agactgttac tatcgaggac agcaagtctg gcgctcttag 720  
 tgctatccgc gccggcattc acgtcatcgg ttacgttggc agctaccctg gtgatgagaa 780  
 gaaggtcgaa atggcca 797

<210> 5575

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 5575  
 ctttgacaac cttgtgattg tccctgatag atatctataa accattatgg cttccaagac 60  
 tttcaacgtt ggtgtggtcg gatacggctt cagcgctaaa acatttcaca ttctttttgt 120  
 ttccgatgtt cctcagttga aactgtacgc tgttgttcag cgtacaccaa agcccagcga 180  
 tgatgccgag aaggatcacc ccggcatcaa gtcctatcgg actgccgagg acatggtcaa 240  
 ggatgacgga gttgatgtcg cattgtcact accgcccaga ctctattttac cagtgaacaa 300  
 gtaacccttg aaccacggaa acatggtggt ttgcaaaaaa ccttcccccc caacacttca 360  
 gagacccaat aacctggtgg cttttgcaa aaaacaaaac aagtgggtgg ttgggcacaa 420  
 aaccggctg tgaatgcaa ctacgaacc gctctcaagt tgggaaaaag ggtgctttt 480  
 gcccgctccc caattaaaaa ctcttttaac cgttttcccc aaaaaacccc ttccatgttt 540  
 taaaaggga aaaaaagggc ctccccgggg ggagggtttt ccaaaatccc gaagggtttt 600  
 ttttaaaaca ggccgcgctt ttgttgga cgcccc 637

<210> 5576

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<400> 5576  
 gagctccgac taagaagatt ttccgcccac gatgggcttc cgcgggttcg ctagggcatc 60

gtcacgctca	gagtcgcctc	cgtcgcacgg	tggttagga	agtgcctg	gcaatccctg	120
gagtaacaac	acgcagtcag	ccaatcccag	aggcgccg	agcaatgccg	gcaaagggat	180
gaagggagga	aactccttcg	cgcacgcat	gatggccaag	atgggttatg	ttgaagggtca	240
gggtctcggc	tcgactggtc	aaggtatcgt	caacccaatt	gaagcccagg	cccggccaca	300
gggtgctggg	ttgggcgctg	ttcgagaaaa	gacgaagcaa	gcacgggagg	aggaaaaacg	360
agcggcagcc	ttacgaggtg	aagtggtaga	ggatagctca	gatgaagaac	gaaagaggag	420
gcagaaaaag	aaggaggcgc	gcaaacaggg	tagtcgaagc	ggtactggta	cgccagtacc	480
acgcgcgaag	cctcaattcc	gcacagctcg	agagatggag	gaagatatgg	ctgggtctcg	540
agtaccaa	gtcttgaagt	ccttggtcga	tgccacagga	aaaggaacag	cgagtgttac	600
cctttactgt	cggcttgatg	accccgctcc	aattcgta	acccgggtgaa	ggggaagctc	660
tcaagattga	caacggggccc	gccatgacct	ataacccttt	gag		703

<210> 5577

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5577

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gcataatgaa	cagctcgaca	gtcgnngaac	cacaggtctc	actacacggg	ttctctgaga	120
aattgcagca	gcgcttgaga	actcacggac	ctgtgctagt	aggacacaat	cttttcacgg	180
acgtggtata	tctttaccgc	tgcttttttg	ggccacttcc	ggataagctg	gaagaattcc	240
aagcaattgt	tcatcatatg	tttccaattt	tgatggatac	aaaatacatg	gctacgcacg	300
attgcggttc	tatcaccccc	aaatcgctct	tgagtggatg	caacgataac	cttctccata	360
taaagacccc	gaaaataagt	gtacatgaac	agcattcgaa	gtataacagc	cagagaatcg	420
accacgaggc	aggatatgac	agcttgctta	ctgctcagat	atttatcaag	ctctctgctc	480
aacttcgtga	cggagggtatc	tccaagctcc	cggatccggg	agaactgaaa	ggtcaatcgg	540
atactatggg	cctgaacaat	acgaccttgg	ctggtccgga	aagcctaaag	ggcagtgtag	600
agaaggaatc	ggcagcgaga	aaaaagccgc	tcaagacacc	gacgagcacc	aagcttggca	660
cgagatttga	tgcaacttgat	gttgaagaga	ttaacgaccg	agttga		706

<210> 5578

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5578

tatgaaattt	aataccacac	acaatatact	ttatacactc	catcccaccc	taaattaaaa	60
agagaagaaa	agagaaatgg	ccccaaagatg	cttcataatc	cgccacggcg	aaaccgaatg	120
gtccctcaat	ggccgacaca	cgggcatcac	ggatctggcg	cttacaccta	acggggagaa	180
acgggttaag	gcgactggga	aggcattggt	tggaatgat	cggttgattg	cgccgaggaa	240
attggttcat	gtgtatgtct	cgccaagggc	ccgggcgcag	cggacgctgg	aattacttga	300
gattgggtgt	agggagagat	taccctggaa	tgaagagcgg	aagagcgagg	atgaggagcc	360
gattcggacg	gaggccaagg	ttgagattac	ggaggcagtg	agggagtggg	attatgggga	420
ttatgagggg	ttgacgagta	agcagattaa	ggagatgagg	aaggagaatg	gggaggagcc	480
gtgggatatt	tggagggatg	ggtgtcctgg	tggagaatcc	cccgaagacg	tcgtccgtcg	540
tctcgatgcc	ctaatacccg	atatcaggga	gaagttccat	ggteccctgtt	tcgacggtga	600
aggggtgtca	aggagacgtc	ctgat				625

<210> 5579

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 5579

ttgttaaggt	gttctttgat	aaggctatgg	accgcagtat	ctacgctaag	ggattcgggtg	60
aggagggtcc	caccacccag	ctggagattg	aggagtctct	cgccccccac	ggccccgtca	120
acgccatccg	tctccgccgt	gccaacgaca	agaccttcaa	gggcagcgtc	ttcgttgagt	180
tcgagtcoga	ggagaagcag	aaggcggtcc	tcgccctggc	gcccagagcc	cagtgggaagg	240
gccaggatct	gatcatcaag	agcaagagag	agtactgcca	cgagaagggtg	cgcgacatcg	300
aggccggccg	catcaagccc	agcggtcacc	gcccccggtg	ccgtgggtggt	ttccggggcc	360
gtggccgtgg	tcgccagaac	gacaaccgtg	actggaggga	gcgtcgcgct	gaggaccaga	420
agcgcggttt	caacggcgac	aagaaggagg	agtccaagga	gcctcgcgag	atccaaaagg	480
acgctcgcg	tgtccccgtc	gtacagagca	ccgccgacgc	tggccagaag	cgcgctcgcg	540
agaacgaagc	caacggcgac	caccggcca	agaaggtcga	cgcaaggag	taatgggtatg	600
cgactgatct	tgtgtttttt	tttttcgata	gagaatcgt			639

<210> 5580

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 5580						
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actcttcggc	gcgtcatggc	cgctgggtacc	gctcggtttt	ctactcaata	actggctgga	120
gctgcggggg	gacttcttca	agttgagtct	cgaatgccag	cgcccgcccc	ccatccgagc	180
cgattccatt	gggcgcgtcg	tccaaagatt	ggagattctc	acttggtcgc	gaactttgtc	240
cactgcagcc	atcgttttacc	tgtaccgcgg	caacatggcc	gacgtgcgtt	tatccactct	300
cctcttgatc	ctcettgctg	cggagtgggc	atatctaggg	ctccggttcg	ttgtacggac	360
ggctgtggag	agaatcgcac	cggctcgctt	cgcaaagagg	ccgccaaaacg	atatgcgctt	420
cgcaagaact	atltggactc	ccttacacga	agtacatctc	ctaagggtcg	acaacgcgtc	480
cgcttcgaag	accgtgtcat	gtttatacca	cgggaacaga	tgtcagaacg	aactctcagg	540
agtnctgca	ccccgtcatc	atgagacata	agtgagcagc	gcttctggtc	tttgccgccc	600
agaacacccg	gacgcgngc	gtcggttgat	aaaaccctct	gattggagac	ggn	653

<210> 5581

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 5581						
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acgcctatct	cgcactgggtg	gacacaagcg	aatgcggctg	tagggaagcc	cgtaccgaaa	120
ggagaatgtc	caaacttagt	cccaaggggc	cttgcagtga	cagctttgaa	tattgtgtcg	180
gacattctta	cgttctctct	gggagtgtct	gggctatgga	cattacagat	ggaccggcaa	240
cgcaagttca	tgggttgagg	cattcttgct	atgggctcag	catgttgcat	agtaagcatt	300
gtccgattgc	cgattcttct	tgatgctaca	ttcagcaacg	atcctacatg	gtcaaatgca	360
aactccttac	tgattggagt	actggaagga	gcgactgggtg	ttattagcgc	ttcgttaccc	420
ggtctggcac	cattgggtgcg	gcggtggcag	cgcagtgtcc	aggctcgaaa	aggaacgagc	480
agtgatagcg	agcgggaata	ccaaaataga	acgaacacat	actcacacaa	gatgcctgca	540
agtattggtg	tccaaggctt	gcctggaaga	tacgttccca	tggacgattt	gaattccgac	600
cagtctgcac	agcttgatag	aacaccacta	tcgccaaccc	aacaggatag	gaactctaga	660
taactttcaa	ctggtgttgt	gctta				685

<210> 5582

<211> 1447

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(1447)  
 <223> n = A,T,C or G

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 ccaggtagcg cggtgatcgt tcttaccatg cccctttcat aataataata ataactctcac 120  
 ctttcgtctc tctttttctg tttcctaccg acactccttt acatgccctt ttgctggcaag 180  
 ccattcgttt acaacttctg ccacgcgaat gaaattccga ttaaagtcca ttgtccgagc 240  
 gtcggaaagc cgaactatgc agatcagcaa tatgtgtcct cgccgacgga cgcaattgcc 300  
 cagtcttcgc caattacttc tgactgtcat tgcagtccca tccgttggtg catccgtgat 360  
 cccatccgcc gtccggacag atttagattc taccaacgct ctcgatctcc cgcttagcgg 420  
 cgagatcgtc agcgacgac ttcaagatgt atctgattct ccactcaagg aacgtgctgg 480  
 atgggacccc gtccagctag acagcagtc tgaagaagca gacgcaactc actcgcccat 540  
 cctcatcgca ctggaggaga actcgagac cagcgagaac aacgacaaca actcccaacc 600  
 agcactatcc caaagatcga caagcagcag cagcagtagc agcagtgaga cgccaacgcc 660  
 attcgacacc aacctctcga caaacttcac gtccgacagc tgtccgaaat tcttcaaaaa 720  
 ctttctctcg gacaccaa tcaaccaactg ctacgccatc tgcattgctc tccgggattc 780  
 cagctccttc ttccaaacgc tcaaatccgc cccagcaacc tcgcacctcc tggacctctc 840  
 ctgctcgccc gacgtagacc aatgctcgtc cttcatgacc gacctcgcat cagcatcac 900  
 caaatccgac gcctgcggca aggactacga cctcggcaac ccggtcgtga cagacgccta 960  
 cacggacatg atcatctacg aacctatgta ccgctcctcg tgtctcaaga accccagcac 1020  
 aggcgactac tgcttcgtcg acgctccac gaacagctca aacctctcg actacgacgt 1080  
 ctacttcac cctacggga gcgcaatcac caacgccct tatgccacct gcaacaaatg 1140  
 cgttcaggcc tccatggatg tctttggcga atgggcgcaa aaaagcggnc agccgcttgc 1200  
 tctactcgat ctgccttccg cgaagtctat taattcgaag tgtgggggta gctttgcgaa 1260  
 tgctaataatc actgggtgcgg gtgatgggga gtcttttgcc gcgacatggt ccgggcgctn 1320  
 gccgatggg tttttatcgt gtgggtggtc cttttaatgt tggggcgagc tatgggggtg 1380  
 gggtatttgt cccccgcct ctttctcat cttttctgta cgccccctcc tccaaccctg 1440  
 gagctgg 1447

<210> 5583  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 5583  
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 aacctttccg acgacgagtc gaccggagaa tctatccctt ataatgacgc gaaagaagac 180  
 cgtgactcag gcgcccga aaagattctc ggtcatgact tcgccaagaa tggaaactctc 240  
 gagggcgctc atgtcgttga aaagattctc ggtcatgact tcgccaagaa tggaaactctc 300  
 ctcctgcaag tgaaatggaa aggctacgat gacctgcag atgagacct ggagccggag 360  
 gagaacctgc tggaggcgcc aaaagatctg gtagaagaat actaccgtgc ccaagggtgg 420  
 cggcctgaga aacccaacg gggcaagcgc aagtccatga ctggggccaa gcagacaaca 480  
 gagaaaagtg aacctaaaag gcgaagatag tcccgagcgg aaagctgcca ccgaaacttc 540  
 agatgaagat gatgatctgc ctaantggg tncgcgntc caagaactgg gagaacgagg 600  
 gtgcaagtgt tgcaacattc tgcccgatgc cgaaacttcg acgtaatgga ttattccttg 660  
 gagaccgtaa gaaggtctag ttctctn 687

<210> 5584  
 <211> 709  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5584  
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tcgattactt tctcttctca cgteccaccc tcaaccatgg cttctcctca gaaaatccgt 120  
actaccctta cggatctgct caagatccaa caccctatcc tgctggcagg tatgaacgtg 180  
gccgcgggtc ctaagttggc cgcagcggtc accaacgccc gtggcctcgg tgtcatcggg 240  
ggtgtcggct atacccccga aatgcttcgt gaacagattg cagaacttaa gagctacttg 300  
aatgacaaga atgcggggtt cgggtgcgac cttttgcttc cgcaggtcgg aggaaacgca 360  
cgcaagacca actacgacta caccaaggga aagcttaacg agcttgcga catcatcatt 420  
gagagcggcg cacgcttatt cgtttcggcc gtcgggtgtcc ctccaagca cgtcgtggag 480  
aagctccacg gtgctggcat cctgtgcatg aacatgatcg gccaccccaa gcacgttcag 540  
aaagcccttg atgttgggtg tgatatcatc tgcgctcagg ggcggtgaag gtggtgggtc 600  
cactggtgat gttccgacta ccgttctcat ccctactgtt ggcaagctgt gccaaagcat 660  
aagaactcct tgaaccggca aaccgtgcag gtcgtctctt gaaggggggt 709

<210> 5585

<211> 1082

<212> DNA

<213> *Aspergillus oryzae*

<400> 5585  
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aaaaacaaca aaagcccagg tcgagcagca gacgcccacaa catgtcgact gttgcacctt 180  
tcaccctcga cgttgcgaca tgtctttgca tcgcgtttgc cctttccttc atgccagccg 240  
cctacatcct aggcgggtcg ttaatccctt ccactcacat gcgaaaccgt gtccttttct 300  
tctggcagcg ctatgacgcc ctcaccacaca tcttcacga aggtctattc ctctacgaat 360  
gcttcttcag ctacacaaac ctccccgctg gattcaatcg cccgcccctac ttctcgcgac 420  
agaaggaccg cgtatacggg gctgcatacg gaactcgtcc aagctcgcga ctgtggcagg 480  
aatacgcgaa ggccgatttc cgctgggcgg ccgcccagcg caacgtgatc tctctcgaaac 540  
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cctccagcag ccggacaagt gccgcggcaa aagggtccgc gaaagcgaag ctgtggttgg 660  
tggegcgccg tctggcgacc gctgagctgt acggcggggt catgaccttt gcgcctgaat 720  
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tctttttcaa taccctctgg gtgtgggttc ctctgtgggt gttgtgggag gctaccaagg 840  
agctgcgcac cgcctttacc aaggctgaaa gtgcaactga agctcgcaag agcaaataaa 900  
caatatcata tcatagattg gctcagcaaa tgcttgtgaa gaagactgtg gtgattagcg 960  
ttatagaatt tgcaatttga cgcataagca atggcgctta tgggttctat tttttcccac 1020  
atataatcat gatgatattc ctatatatta ataacttccg atatgatgct ttgacgtgtg 1080  
gg 1082

<210> 5586

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 5586  
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tccgctcggt gatgtccctg tatggggcat actataagca taccagtata atatttcact 120  
ggcatccctt tctgcactca attctgaaga aggttgatcg tcccgcgccg ccatgttcgc 180  
ggccattagg aatcttggga tattgcaaga tggctaacac gagtttggtt accttcggct 240  
tgacaccaga tccaagcttc aatgtgttct tottccctga actcgtcgtc tctgcatat 300  
tagtactatt cttcttgctt tactttaatc gcctttttgc aacctttctc tcgtatggga 360  
ttcgcgccta cacatggcat tattatcgcg catatgtcga catcaatgca ctccaaatct 420  
ctttgcttgg aggacggatc ttttttaaag gtgtccgata ccacggtgtg aatgagacca 480  
tatttgttca cgggggctnt ataacatggc gttactggag gcgatcggtg aggaggacat 540



ttctatacga	cctgaaaccc	aatggatacg	aaccgaggaa	tggtgtgcga	tcggtcccgg	600
acggggataa	tgattgcgcc	ggagacagtg	gaatgaagga	gcaaagagga	atgaaggtgc	660
anatttactc	cctggtcc					678

<210> 5587  
 <211> 622  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5587						
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gggcaaaatc	taaccccaag	ggataccggg	caaagggccg	ttgccggggg	aaaccttcgg	180
gcccccgaa	accgggttct	taagggtctc	ggacttaaac	cccccaaggg	gaaacccccca	240
aaaaggtttg	agcccaacgg	ggaatccggg	tggaaaaagg	ggaaccccac	gggaaaggaa	300
aaatttctgg	gaaaaacaac	ccccctaagg	gacctaaaaa	aaacgggttt	tgaccggcca	360
ataaggggaa	acttgtttgg	gaaaaaaacc	aatctcccgg	gacccggggg	gaatttttcc	420
cgggaaaaacc	ccgggggcct	taaaaaaacc	cgggtaagga	agggcacaga	aaacttttcc	480
ctgggggttaa	agggcccaag	ggaacccccg	gccccggaaa	agaccgcaaa	gaaaagggaa	540
cggcccgggg	gaaaaaccac	caaaggggaa	aagccaacct	tcaaaggttg	ggaaaaaaa	600
agggtagga	ccccgggaaa	ag				622

<210> 5588  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5588						
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cgtgggtgatg	tgggtgatgg	ttattatatc	ctttattctt	gtccctttac	ggctgtacac	120
caggggtttat	atcgctcaaag	ctctggggct	ggatgatcat	gtgttcaatc	tgggtcgggt	180
attcctctctc	ttatatacgg	tcttcaccac	catcgccgga	aagcacgggt	tcggacagcc	240
cattactagc	ctgtccatgg	atgaagccgt	ccaagccgtg	tacatggaaa	tggtcgggtca	300
gacgttcgcc	gttctggggg	tggccattgc	gaagctttca	ttgggtatat	ttcttttgcg	360
gatcgtggta	aaagcatggc	atcgaagatc	gatttggatc	tcaatgggtca	gtctatcagt	420
tgtctctgtg	atgacggcga	ttatcttctg	gaccacgcgc	cttccctcca	aggcaatcta	480
cgatcctcgt	gtacctggtc	gaactattgt	cagcgttacc	ccgttctcag	tactactcgg	540
ctcatgggtg	gcagcggtcg	acttttactt	tgccattctc	ccgtggatat	tcatttggga	600
gctcaacatg	cggttcaaag	agaagatgac	gatcgctatc	agtctgagcc	taggattcat	660
tgccgtatct	gggggtcatt	cgt				684

<210> 5589  
 <211> 1115  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1115)  
 <223> n = A,T,C or G

<400> 5589						
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ccatctcttc	ctctctcctc	caatcttacc	tgcgaagaca	tacccttccg	tctctcaaaa	120
acctcaaac	aaacgtcgaa	gccaataatg	tctggactca	ccacatctcc	tccgggggtca	180
attcctgcct	ctccctccag	cgtcaaccag	gtctctcggt	catctcgacc	agccctcacg	240
cttgatctct	ccaatcttcc	aacaatgtct	caaccaacca	agccaacaaa	taccctcatc	300
atcaccgaac	tgagcaacat	tcttatcttc	caacccgcct	ccctcgccac	tctccgcgca	360
caacttgagt	ccatcgcgcc	cctgaactca	atctctccac	tccctctctc	tcggcggcct	420
atgtgttctt	tttacacaga	agaagacgcc	cttagtgtcc	ggaaactgct	tgacggccaa	480

ctcctcgagc	acaacgtccg	cccgagagtt	tacttcggcg	aaccaccccc	aatcctagac	540
gaggaatccc	gccgcccaaa	gctcctggaa	gcccccatg	ccgacaagct	cttcttcac	600
agcccgccac	ccagcccccc	gcacggatgg	gtcatgcgca	acgaggaacc	cccgaacaag	660
gaggtgcacg	ccagtgatct	cgccaccgcc	ttggccaagt	tgaagaccga	gcaatccggt	720
gtctacgagg	gtatcagcca	gacctgtgaa	cccggtaact	cgatgtctat	gacctccgat	780
aagcgcacgg	ggagctggcc	cgcctctatg	tccggacagc	gcagcagaag	cagcaccctt	840
atctaccacc	ctgaagacca	cggcggaagc	cctaacctgc	ctgctgttat	ggtcgaagat	900
acgagtatca	tggtggacga	tttgaaaatg	gatatgagtc	ccattgagat	gccgatccgg	960
aaggccccgc	ccaagacctc	tcggcctcct	gttgaattga	tgtgttgaat	gcacatgatt	1020
tgatacgtga	tcgttttggc	aatttgtgaa	tacngttggg	atatgcttta	gcgtgtgcat	1080
ttgacttatt	ttaccatctt	tgcatacttg	catgg			1115

<210> 5590

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 5590

catccgtaaa	aaagcaactg	tatgacgata	tcctcccaat	aattaatgct	attgaagagc	60
aagctagggc	gatgggagtt	gaagacccta	tgctaccttc	aacagatgcg	ttcgtcacgg	120
caatttgctt	cgttgggtca	aaatcacttt	ctcacgtact	gtcttgctatt	gagcgaaaca	180
aagaacggct	tctggctatt	ggccccagt	ccactcgtgc	acgtcgccag	attataacct	240
ctgtcatgga	atattggacc	gatcagccag	gaatcgggtat	caacatcatc	gacaagttac	300
tgaattacac	aatcctaacg	ccactatccg	tcattgagtg	ggcactggta	gacaagctcg	360
aggccgggac	gattttggca	agaacacatg	tttttgagat	gatatcagcc	actgtgggaa	420
aggtcaccaa	ccgtctgcgc	caaatcgttg	cggcacgaac	tcagccaggt	ctgtatgagc	480
cacagttgag	tgttctagat	gaaaacccta	accgtgagaa	ggcagatatg	caagcgctct	540
tcaaggtaat	tgaagattcg	aatatgtcag	tcgcccgaag	tcacaacgat	taattgatgg	600
aaaagggtga	cngaagttgt	gagctcccaa	aggattaaat	catcaaacat	tgtggatggt	660
cattgctgaa	agcgtttang	cgaaaagccg	gg			692

<210> 5591

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5591

aacccccggt	gggtcttctt	cgattctcct	tctactctct	tctctccagt	ccggagattt	60
actagattcc	cccatcagaa	gatatgtctg	aagctcaaac	gaggtcgtct	gcctctcgtg	120
gcagggatc	cgctcgcggc	ggtcgcgggtg	gctatagctc	cagaggtggt	cgaggtggca	180
gcagatctgc	aaaggcagac	aactcagaca	gcacaccgcg	tacattcgaa	gacgagggag	240
aaattgggtca	aatgaagaag	aaatatgcaa	acactctacc	catgctaaag	gaattgttcc	300
ctgactggac	ggacgaggat	ctcgtctttg	cgttggagga	tgcagacggc	gacctcgagg	360
aggcaattga	tcgcataact	gaaggtaacg	tctctcagtg	gggagaggta	aagaagatga	420
ccacagaccg	gagccgccct	cagccanagg	aggcacagag	caccccgacc	gagtcgacta	480
ctgctcccat	tcgggaggcc	cgtgactgtg	tggatttgag	agccgtgggtg	gacctgctcc	540
gagagatcgt	ggccgtggct	gtctcgcccg	tcgtgcttgt	acccacacca	atggcagctg	600
tcagagnagc	cagctgctct	tgcacagtgg	agacagctac	tcccaggtca	ccaagactga	660
aancccggcc	gatn					674

<210> 5592  
 <211> 670  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 5592  
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 cgccaactcc ctagcccaag tgcgcgtcat cgccctccaac gccgccttcg tccccccata 180  
 caccgtctgc cccgtgaacc caatactact cgacacactg gatataattaa caatacggcc 240  
 actgcgatcg gttggcaaga aaggcgcaac agcctgcgtc agcaacaacg gcgcaagcac 300  
 gttaaatagta taatgccaat tgaagtactc gcggtccatg gggccctttt cctcgtcatt 360  
 gaggaaacga tccttgctta cgccagcgtt gttgattagg atgtcgactt ggaggggttcc 420  
 ggctcgtctca gaggtgaagt tctccttagc cgcgttgagg atcgtggnta ctgctttctt 480  
 cgggtgtgagg aggtcggctt gcacagagac cacatttatg gagtgtngnt ttgcgagttc 540  
 cgagcagagg gtttcggttc gcgatttgga gctccgcgag gtgtagttta ggagtagggg 600  
 agcagctttt gaagcgaagt tgcgggctaa cgcttcgccc attcctgggg atttggtagt 660  
 tgggttgctt 670

<210> 5593  
 <211> 721  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

<400> 5593  
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 ccgtcgactt cgggtgttcc ctgttcattg agaccaagac tgctctcctc tttgcccagg 120  
 ccatgagcga gaagctgccc cgtgccgagg gtatgccttc tgaggtccgc agctgggtctg 180  
 agttcgccgg cggcaagctt ctgtaaatca gcattgcggt cttaaaacaa aagtttttgt 240  
 caacataata atcacctgat gttgtttcta ttttcttcaa ggcacggaat agccgtctgg 300  
 tttggcgtag tggagaaggc tctactctac attgatagac tttttatttg gccttgacaa 360  
 agcactttg acgggaaagg tggctatgct catgtaactc ggtggaaactt ggttctcttt 420  
 gttattggta tccaaaaaan aaaaaannnn nnnnaaaann naaaaaaaan aaaaaaann 480  
 nannttttcc tgcgggctgt cgagcatgct tttaaagggc ccattcccc cttatgggga 540  
 gcatttcaca attctgggcc gcggttttta aaaacggtgg agaggggaaa aactgtgggg 600  
 tcccactaat atatgggttt ggaaaaatac ccctttttcc cagtgggttt aaaaaaaaaa 660  
 ggcccccccc cttccccttt tccaaagggt ggccccctct tctatccggg gttttagggt 720  
 c 721

<210> 5594  
 <211> 1188  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1188)  
 <223> n = A,T,C or G

<400> 5594

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acctacacca	tccctgaagg	tattgagcct	ggcaaataca	ccctcgcttg	gacttgggtc	120
aaccgtatcg	gaaaccgtga	gatgtacatg	aactgtgccc	ctcttactgt	caccggtagt	180
tcttcgaagc	gtgacgaagt	tcccaaggag	aagacggttg	agaagcgctc	tgctaacttc	240
cctcccatgt	tcgtcgccaa	tgtgaacggc	tgcaccacca	aggaaggtgt	tgatattcgt	300
ttccccaatc	ccggttccat	cgttgagtac	gctggtgata	agagcaacct	tgccggtgag	360
ggcagccagg	cctgcactgg	cacccccaca	ttcggtggcg	atggtaaacac	cgcgggttcc	420
agtggctcat	ctggcagttc	ttctggaagc	tcttctggcg	gctccagctc	ttcggtgcc	480
ggctccggtg	ctactgcacc	tcccgcgcca	gcggtttcc	cgactttggt	ccccaaacct	540
tcccagtcct	ctgctcctgg	tgtctttgtc	cccacgggct	ctcccgccca	gcctaccacc	600
accagcgcgc	cctcggttgg	ctctagctcc	ggctctggtt	ccagctctgg	ttccaactct	660
ggctctagct	ccggctccag	ctcttctctc	agctcttcc	ccagctctgg	tgctctgacc	720
ggatcttgca	gctcggaggg	aacctggaac	tgcattggtg	gatcttccct	ccagcgtgtg	780
gccaacggac	agtggaccgc	agtgcagcag	atggccactg	gtactgaatg	tactgctggt	840
caggcctcca	acctcaagat	caaggccacc	aacctcaagc	cccgcctgct	ccacgagatg	900
cgtcacagga	agcgcaacta	ccacaaccac	gcttaaagaa	cgtctgatat	ccgctggccc	960
ggctattagg	attccctgat	ttctcttcgt	tttcccttgc	gcggcgtgga	cgcttggtgg	1020
gatcctttct	gggatggatt	ttcttcttca	attgtattta	ctttctacgg	taaatgaaaa	1080
gaaggttggg	actcgagacc	tttcttgaat	agaagctttg	atcattatat	tcagttggca	1140
cagnnnnanan	nnnnnnnnnn	nnnnanaaaa	ttcctgcggc	cgctcgac		1188

<210> 5595

<211> 645

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(645)

<223> n = A,T,C or G

<400> 5595

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tctccacggc	cgtttagtcaa	gccactaaca	gctctggcgg	caacaacaac	aacaacaacc	120
aggggtggtc	caaccagggc	tacggaggag	actcttacag	cgagcgctcc	tcccacggcg	180
gcaaccaagg	aggctacaac	gaccgtccct	ctcagggcta	cggaggcgac	tcttacaacg	240
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gagactccta	cggcgggcgt	ccctcccacg	gcaaccaggg	aggctacaac	gaccgtccct	360
cttcaggcta	cggaggagac	tcttacaacg	accgtccctc	ccacggcaac	caaggaggct	420
acaacgaccg	tccctctcag	ggctacngag	gcgactccta	caacgaccgc	ccttcccacg	480
gcaaccaagg	aggctacaat	gaccgtncct	cttcaggcta	cngangagaa	ctctacngcg	540
gccgtccttc	ccacggcaac	cagggaggct	acaacgaccg	tccctcttca	ggctacngag	600
gagaactcct	acacgaccgt	ccctcccacg	gcaaccaagg	aagct		645

<210> 5596

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5596

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tcaccatgcg	tctctcttac	gccatctctc	tcttgccctc	ggctgcttct	gttggagctc	120
tccaggtcac	ttcccccaag	aagggtagag	acggttgacct	ctccaagtcc	ttcaccgtga	180
agtgggatgc	cgtcgatacc	gacccctctt	ctttcgatct	ctacattgtc	aacaacgcgc	240
tctaccccag	cgttgagcag	aagatcgctc	cgcaggttga	ctcctccaag	ggctcctacg	300
atgtctctgg	cctgtccgac	ctgaccaacg	gcaagggtca	ccagatcaac	ttctcttcca	360
actccgccaa	gaacagcggt	atcctcgctc	agtcccagca	gttcaacgtc	gagggctcct	420
ctgagtccac	ctcgaccgcc	agcgccagcg	agtccaagac	caccaccgcc	gctactggca	480
cttccaccgc	tactactggt	tcctcctccg	cccggtgcctc	tgcttcggcc	agcgcttccg	540
ccaacagcac	ctcttctggt	agcaccctcc	tctccaccgg	tgccggtgtc	tctctcgctg	600

cgccccgtctc cgccgcgcgt ggcctcctga tgggtgtctt ggccttaacc ttgtaattcg 660  
ggaaccaacc gacagcaaga t 681

<210> 5597  
<211> 463  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(463)  
<223> n = A,T,C or G

<400> 5597  
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tcctgggaga accctaaaac cctcaagttc taaccccgtc gctgtgacta cataatcttc 180  
cttctcctgt ttcgttacaa atgtgatgat tttgctttgt ttcaacaact caaagcatga 240  
gcatagacac gtcagaaaag cttttgtcca tttttctttt ataatttttg catgatcgtc 300  
tataaaaagg cgggttcggc gggataaatt caacatgata ccacttttca tcntgtggga 360  
gggatgttac ngcgttatcc gggagcgaag gtcttcaaca cactgcctcc tcangcttga 420  
catctgcgga ccatcagcgt cattcaggac caggtcgcga cag 463

<210> 5598  
<211> 646  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5598  
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ttttttgtct ttattttttt tttttttttt ctcccacaaa gcaccaggg ggaaaaaac 120  
acgcaccccg gcaagaccac ggcctaccag cgcgacaccg cacaaaaagg cgccaaacag 180  
aagagcatga acaacgccgg ggaaccgcac aagaccacg ccaaaaacc ccccgcgga 240  
ccccaaccgc gcataatgac cgacaaatgc gccagaccga acccccaaag cccgaaaaac 300  
cggggggaagg ggaacacaag gcccgccac cccgggaaag gggccacgaa ctgagagcaa 360  
accgccaaag accccaacaa ccacgaccgc acgggcgcgg aaaacccaaa agcgcctggc 420  
aaggcggggc accaagctcg aaaggagccg accaaacggg ggaaaatggc acgaacggcc 480  
cacctcgga agccgcgcca actagagcgg acacacaccg gaaaagaccg acgcggacgc 540  
cgacgaagca aagaacacgt aagaccccc cagatacggg tcgcccagaa cccaaacaaa 600  
caaccgggga aacaatccgc ccgcccccc caccgaagaa ccccg 646

<210> 5599  
<211> 724  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(724)  
<223> n = A,T,C or G

<400> 5599  
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aacctatcat tgatggcacc cgatgatcta cgcgaatatg ccggtctaac tacgacaact 120  
atcacttgca agcaacatat aacctcagc tcggcgagta tggacctgat caaatggcg 180  
ctcgagggca ctttcggtgc tatcgaggaa attggtccga agaccgacgt caaggaggag 240  
ctcgtggaga acgagaagggt ttccaaggaa atatccaaac tcaaggagga ggctgccgat 300  
gaagaaattc ctatcgaaaa tgaacaggcc tatcttggtt tgggttggt agtcattcgc 360  
tatttccctc gtactcgca ggtcgagctc gagggggaag gaaacatgat gaatgatggg 420  
gttgccgatg ctgtcatggc agtctgctc actgtcgaaa gcagccctgc atctgtgaag 480

caatccgcc	agcaaaagca	ccaccaccac	caccatcagg	acactctcga	acttctaac	540
cctcattcac	agctagggtc	tgaagaacgg	ttcgacgccc	ttctcatgat	gctngaggca	600
cagttcggat	cggacatata	acccattgag	cgtccgcgac	taccactac	tcaacttacc	660
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<210> 5600

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5600

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ccacgacgac	gctgaatatg	attggattgg	atggtcaccg	tccagatctg	acagactacg	180
aagagattat	caaggtcatt	gagagccatg	tgcagaatta	cacagctgca	gagttggaag	240
agatgaataa	ggagagaaaag	caagctgggtg	tgacggcatt	taaatacgaa	gactttatca	300
aaaccccgca	tggtgaactt	aatgtccaac	aaccccatg	gaagggtgtcc	cgcctcaagg	360
gtgacctgcc	tcccacaccc	tttcccgcgg	gccgcgctgg	gagtaagaag	attcttgaag	420
gagtcaaagt	cctagagctt	tgccgcacat	ttgccggccc	cactgttgca	cgcacctga	480
ctgagtacgg	agcagatggt	ttgaagatca	ccagtccgag	cctctctgat	gtgccatttt	540
tccaagtgga	tggtaatatg	ggcaagcacg	ctgctgactt	agacctgaaa	tcggaagaag	600
gacggcgcca	gtttgaagag	cttttggtcg	acgcagacgt	ggtcgtggac	ggttatcgcc	660
caggggccat	tgagaaatgg	gctatggc				688

<210> 5601

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 5601

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gaagacactc	ctcgaccgtg	cagatgcagc	gctgaaactc	cgcgcgcaaa	agctgaagca	180
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cgatgacatc	aaggcacttt	ccttgagtga	ccaacaacag	catggcagtg	ataagagcgg	300
cggagatgaa	tgggagggtc	tccagcacga	tgaagaagaa	caggtagcca	tcagagtggg	360
tcagtatttg	gttggtttcc	tgaagttcat	tgctagcgtg	acaccaggga	ttgagcatga	420
tttcaccatg	ggagtatgat	cgaagggtgc	tcacagatat	gacctcgtct	tcgaattttc	480
tcctttttct	cattttttaa	tctggcgtag	tggttacatt	catgatggca	tggtttcaca	540
atcagttcta	ggagtattac	agctcaacat	tagcagggtga	cttagacatt	aagcgaacan	600
nanaaaaaaaa	aaaaaattcc	t				621

<210> 5602

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 5602

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tagtccttcc	atacttccat	actaatcgtc	gtagccgcaa	gcaagcaatg	acaatgatca	120
acaccgtcga	cgaaacctcc	ctcgccgcat	caccacccga	gcgacgcaat	tccctggaga	180
agcatctcct	gaatcgctct	gatccccagg	atctcaaaga	gagacacatc	ctcctcgaca	240
ccaatgtttg	tccatctata	caagcagcaa	gacaggaact	agaccgtcag	cgcactactg	300
atagtttgaa	gaaacatctc	gagcacagac	cggatcgcga	agaactgggt	gagcgcgaata	360

tcctcccgcgca	taccaacgcga	gccccggcgc	ttcagggtca	cgccccgcgaa	ctggagaaac	420
atatgctggc	tgatcatctc	gaccagaaga	ttcagaaccg	gccgcagccg	gaggatctca	480
tggtcaggg	gatcttgacg	gaagatgagg	atccgaggca	gccgactatt	tgactgcaat	540
cttcggcagt	tggtgacggg	ttatgatgga	tatgggttat	ggattatggt	ttgatggacg	600
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<210> 5603  
 <211> 552  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(552)  
 <223> n = A,T,C or G

<400> 5603						
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ggcgacacaag	atatctcgag	ttaacatttg	gatgcggcgc	ataccgtccc	tatgaagatc	180
tcgtctacga	gtcagccaaa	gatgccggcc	tcccggccag	tgaccccaaa	gccctgatcc	240
acaattggga	tcagatgcgc	ccttgggccc	agacaaagca	ggtcttacta	cagttgaaaag	300
aaaaaggata	tcgcttgga	gtcgtctcca	actgttctgc	ggaactcggc	cgctcgagccg	360
ttgcgttggtg	tggtgtggaa	ttcgatgcat	tcgtgactgc	cgaagaagcc	ggcttctata	420
agcctcatcc	gaaagcatac	ggtacgatcc	tgctcgccctt	gggggtggag	cctcgagatg	480
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<210> 5604  
 <211> 702  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(702)  
 <223> n = A,T,C or G

<400> 5604						
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gccggcacac	ctgtgccttt	cgcggtacct	aggtcagggt	gccgtgaaca	ttctcgcaga	180
tttcgcaaca	ggtgcatatg	ccgcaagcct	ggttctccaa	taccaattag	ttccaagcg	240
ctacatgccc	gaattgatca	actacgtcct	caacgccctg	tgtaaccttg	ccccggagga	300
gccaaagagc	agcctcggcc	tcttcccgtc	tcgtagtccg	gaggaatctc	tacgactgaa	360
gatctccaag	tcgctgaagt	cgaggaaact	tcaattcttg	gacattactg	gcccggaacg	420
cccgaaggcc	caagaagagc	tcaaactttc	cctcataaac	acattcatct	ctctcctcag	480
caccgccttc	gatatgtggt	cagacataatc	agccttccct	gagatcttcg	atcaagctca	540
gaaagggtctc	cgcttctctga	accgatcctg	caagggtgaag	aattccnttc	gtcggttcaga	600
ataccctgca	gtcgaccctc	gataaactcg	atgggcacac	ccttgaaagc	cccgccttac	660
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<210> 5605  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 5605

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gaccccatca	ggctacaaag	taagatcttg	gcagtcgagg	cagacctct	gaatcctggc	180
gccgtattcg	tggegcagag	tgggtggcacg	gtccgaaaga	ttatactcga	aacagggtgaa	240
acggctgctc	tttacaaagg	accaacggcc	cccatcacia	gcactctgctt	tagccccgac	300
ggtcgattac	tcttcgcggg	ttgctgggac	aaatacgtct	ggtgctggga	tgtggcttcg	360
aaggaagtga	aacagaaata	cgacggtcat	accgactttg	taagagcggg	ggtcaccacc	420
cgactccagg	gcaaggatgt	tctcgtctct	ggcggggctg	acgcgcagat	cttgggtgtc	480
gacattgcc	gtggcgagcg	gctctccgtc	atgaaggggc	atgccaaggg	tatccaagga	540
cttggttag	atcccgctct	tttagattct	gacagccaag	agctggtttg	tttcagctct	600
ggcagcgatc	gggagattcg	ccgtttcgac	atcgccagtg	gtagcaaaaga	cctgacgggc	660
acagacgcca	tnctagtnca	tga				683

<210> 5606

<211> 555

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5606

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tccgcggacc	acctcgatta	cctccaccag	acgcccaccc	tatccgagtg	gtctgcatct	180
ccgacacca	caagctcgaa	tgggacgatg	tgccagatgg	tgacctttta	atacacgccg	240
gcgatctatg	caacgatggc	agcgtgcgcg	agatccaagc	agcggtagac	tggctacaag	300
gactgcccca	tccccacaag	gtagtcctct	gcggcaatca	cgacagctac	ttcgacgtac	360
ggtcgcgact	ggaagaagac	cgggacaaat	ccttcgcagc	gggctgatcc	tctactgccg	420
ctctacgctc	catcgatgac	ctcgaaagtc	cccaccgcat	cgactggcgt	gacatccact	480
accttcaaca	ctgcgcgcgtg	accatcttct	ttccttccaa	ctttattcac	cggcttttgg	540
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<210> 5607

<211> 632

<212> DNA

<213> *Aspergillus oryzae*

<400> 5607

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tagggaacct	tctaccctac	ggaccatata	atcaagttac	ctaccaccgg	tcagcgccccg	120
cctactcttt	gttcaacaag	atattgacga	ctcttccttag	tgccatgtgt	cctacttctt	180
ctttaaactg	gtctacttcg	aacacataca	gaatcgccag	acgtaagccc	gagttcttgc	240
ccttaaaaaat	ctaactactaa	tcttctctct	attggcctct	tctcaggaaa	tatttttaaaa	300
actctaaccg	gacatacggg	agacaatctg	gcttctcttaa	gtctgaagcg	ctgctctctg	360
ggaactcata	gaccacatgt	cggccggcta	aacggcagta	aacatgtccg	tatgcatcga	420
gaccgggaga	acacccatcg	cgctcgattt	gatccggaat	gacctctagg	gtcttgctgc	480
cattctactt	gctgcagatt	cgcttgccaa	ctactctgac	ggagtctacc	aggacttcta	540
ggatcgactg	atgtacagga	aatcgactgc	tcaaacctgg	accttgaggc	ttggttagac	600
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<210> 5608

<211> 1522

<212> DNA



<213> *Aspergillus oryzae*

<400> 5608

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ccccagccag	ctgagttttt	cttgtcttct	gacccatctg	caattgtcga	gcatacgaag	180
aaggctctct	atctcgaaga	tgatgatatc	gctcatgtgc	atgagggaca	gttaaacatt	240
catgcctca	caaaagatga	tggtacttct	aatgttcgcg	ctattcagac	aattgaactc	300
gaattgcagg	agattatgaa	gggcaagttt	gaccacttca	tgcaaaagga	aattttcgag	360
caacccgagt	ctgtgatcaa	taccatgaga	ggacgactgg	atgttgcaaa	caagcaagtc	420
acactcggtg	gcctgcggca	gtacatttct	actatccgcc	gctgcagaag	aatcatattt	480
gttgccctgtg	gaactagtta	ccattcatgc	atggctgtgc	gtggagtctt	tgaagagctt	540
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aaggctctcg	agcaattcaa	ggagatcttg	aaacttaacg	aacccatcaa	acaattgtgt	960
gcaaaattca	agaatcaaaa	gagtttgctt	ctgctgggca	ggggtggtca	attccctact	1020
gcccttgaa	gtgcacttaa	aatcaaagag	atctcttatc	tccattgcga	ggctgtcatg	1080
tccggcgagt	tgaagcatgg	tgttcttgcc	cttgtcgatg	aaaacttgcc	catcatcatg	1140
attcttacga	gggacaacct	gttcacgaag	tcggtgaatg	cttatcaaca	agtcattgccc	1200
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accgtgaaga	ttgaagttcc	aaagactgtc	gattgcctgc	aaggctctct	gaatgtcatc	1320
cccttgca	taatcgctta	ctggttggtc	gtgtctgaag	gtctcaatgt	tgatttccct	1380
cgcaatcttg	cgaagcaatc	acagttgagt	aaattgtcgc	ttatagcaac	agccaagttt	1440
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<210> 5609

<211> 740

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 5609

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ctcaaagtcg	gcttctactt	cgaaacttga	ttccgcatcc	gcgacgccgg	ctgctgattc	180
ctcgaaacca	ttctccacac	tatttgagc	ggcatctgct	accaagcctg	catcttctgg	240
tactggatcg	ccatcacctg	gcttcacatt	tggtggacct	gcgcagccac	catcattcct	300
ggctccatcg	actgtcagct	ctgctgctgc	cagccgcgcg	tccactcctg	gaattacatc	360
cgacacggga	gccgaggagt	ctggagatgg	tgatgcagct	gaggctttgc	ctcaggctaa	420
ccttgctcaa	agtcgagccg	gtgaggagaa	tgaagacgtt	gtgatcgaga	ctagagcgcg	480
cggcttgaaa	ctcaccaaag	atggatggaa	cagtcaagga	gttgggtttc	ttcgtgtgtt	540
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<210> 5610

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

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<220>
<221> misc_feature
<222> (1)...(648)
<223> n = A,T,C or G
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tcatcatgca	tgcggagaat	cctctacaga	gtaccgccga	agtcaactcg	gtcggacaac		120
agtcagaatc	acaaaataatc	gcccttcctg	ggcaaattct	cacaggaaaa	caagaacatt		180
accttaagcg	cgaagtcatac	gcccgccaag	tgcaaagcga	aatcgccag	ttaaactctc		240
ccacagccct	ccaacgtttc	ggtgccccat	tcaggtcaga	gtacggagaa	gtcgccccag		300
ttgactcaga	actccctatc	ctacgatata	tcttcgttca	tcatgtgctc	aattttcctt		360
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gggcatacgga	tatgaaaaac	gaaatcaagt	ttcggaatc	gaagttgaaa	atcgctggc		600
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<210> 5611
<211> 726
<212> DNA
<213> Aspergillus oryzae
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tgtaatcacc	aatagatgca	aaatactcat	acatctttat	caaccaccat	cctacctcgc		180
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tattctaccc	tctctcatga	ctttctactc	gacgttaaca	cggttttacc	atcttctctt		420
cgataccata	tctgtgactt	cactctacct	acatgcgatc	tcgacttcca	atgctgtcag		480
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tgacaattat	cgacgacatg	tcctattcgt	gatcatcgcg	acaatcacga	tgacatttat		660
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<210> 5612
<211> 673
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G
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catacaccat	ggactaccat	ttcggctgaa	gctgtaaaag	gagtgccagt	cggagaataa		600
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taagcgtctt ccn

673

<210> 5613  
<211> 1033  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
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<222> (1)...(1033)  
<223> n = A,T,C or G

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accttcgatt gttctctata aagacttcga tgaaaagaaa gctacttatg atggagagat 180  
tgaacaggat gccctcctca gttgggtcaa gactgccagt acccccttgg tgggcgagct 240  
gggccagag acttactcog gatataatac ggctggcatt ccactggcgt acattttcgc 300  
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caaggggttc atcaatatg tcaccattga cgccaagttg tacggcgctc atgcaggcaa 420  
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ggaaggctct gttactgttg ttgtcgcgca ttctataaag gatctcgtcc ttgacaacga 660  
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<213> *Aspergillus oryzae*

<400> 5614  
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<220>  
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gaaaatccat gcaccgcatt accggctccg gtcaagcccc gatcaaaacta ctgctatgaa      540
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tttcatcgac aacattgtaa gtaacgcctg ccataccgct tacatcactt attacgtcga      660
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<210> 5616

<211> 701

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(701)

<223> n = A,T,C or G

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<210> 5617

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

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<222> (1)...(653)

<223> n = A,T,C or G

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accatagtct ttctgttgaa tgacgatgag cccacgggtc tgacaccatt gataaccggc      540
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<213> Aspergillus oryzae

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<213> Aspergillus oryzae

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<213> Aspergillus oryzae

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<213> Aspergillus oryzae

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 <223> n = A,T,C or G

<400> 5621

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<400> 5622

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<210> 5623

<211> 1596

<212> DNA

<213> *Aspergillus oryzae*

<400> 5623

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<210> 5624

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5624

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 <213> *Aspergillus oryzae*

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cattggcaga	gctcgtatag	aacagtcatt	acgcagagtt	ttgagcttga	aggcgaaatg	300
cacctcctgg	gaacaggctc	tcaatcctcc	gggtctttcc	tactcacc	agatgcaacc	360
ttcccatacc	actctctcta	cgagagcgta	caacagctct	atcactgtcg	ttcgagataa	420
gaaaactctt	ttacccctgt	ccaacattat	tgagcccagt	gaggaattgc	tgcttctgac	480
cccattggtc	aagccattac	ccgcttctgc	agtgtctcgt	tcagtcactg	agcacccgaa	540
tttatctatt	gagcccata	cctgngaccg	gacttctctc	gtgttgagtg	gtgagagtgt	600
cttcagggaa	ctagggaggt	cactatcacn	gcaaagaaat	gggcgtgttt	tgcataccctc	660
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t						721

<210> 5626  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 5626						
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agcagaagct	gccggtactt	cttcogtgcc	cccgttcacc	agagacagac	cttttcgatc	180
tccgcgcgct	ccttcgccgc	cgtaaaccga	gctatggccg	acgcgaccgc	aggggtgacc	240
cccagaggac	tgaagagcaa	gttgatcgag	cagttgcagg	cacagcatgt	tgagattgag	300
gacctttcgg	gcggctgtgg	ccaggcattc	caggcggtga	ttgtatcccc	acagttcgag	360
aagaagacca	tgctcgctcg	tcaccgattg	gtaaactcgg	ttctgaaggc	cgaaatcgca	420
gctatccatg	cttggacacc	taagtgttat	accccgagc	agtggcaagc	tttgacgacg	480
tagatttatg	atatggtcct	gtgatattac	ggcccgggaa	aagagagggg	agaagaatct	540
gatatatcct	gggtatttct	acgcgcttgt	agcatatang	catgcgttgg	agattttatt	600
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ttgggtggact	tataaaaat					679

<210> 5627  
 <211> 648  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(648)



<223> n = A,T,C or G

<400> 5627

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caccggagat	ggcgggcttt	tcgcccagct	atctagcaat	cccttcttca	cagcgggctt	180
cggctctcgcc	ggcttaggtg	ctgggttaag	tttcgctcag	aagggcattc	ggcatggcgc	240
agcactcctg	cgaaggcgca	tgctcgtgga	tgtggaaatc	agcgtaaagg	acgattcgta	300
tccctggttt	ctacattgga	tgacgctata	ccaacgttcg	cagctcagtt	cggctcagtc	360
agcggccagc	aggtctggct	atatggaaac	cttactccag	aagatgaccc	ccgggatgcg	420
ccacctctca	atccaaacgc	agaaagtcga	acactcanac	ggggccatac	atacacatnn	480
ttcgetagtc	cccgggtcag	ggagacacgg	tcttgcgtag	aagaatgcgt	ttatcttcga	540
aatcggtatgc	gcgagtcgaa	gcactggacc	ttagactggg	cgcccgtgga	aacgattacc	600
tgacactctc	tatcgcatcg	catgttttga	gacctctcag	agagctac		648

<210> 5628

<211> 736

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 5628

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ttcaggtcct	gcgcctccggc	ggcgtagtcc	gcggatacac	caactggggc	accttccgac	180
tccccaaagg	caccacaaag	caccaggcca	gatacacgga	aggtcaccac	ttcattatgc	240
gcttcgatgc	ttccggcccc	gtacagatgg	ctgtccgcag	aaccctcggc	ctcgatcccc	300
ggatgggtccg	cttctcggtg	gtcaagctgg	gcgacaagct	tgaggacata	aaggatgtcc	360
agggcaaggt	tgaatggaac	aacgcacgca	acatctccga	gtctatctaa	aagtcgacgc	420
ttctttgggt	acggattgga	tggatgagat	gaagaagagc	cgttgtagag	ctcgtctaag	480
ttgttgattt	gcattcggac	attgatggac	attgacagtt	cactgtatta	ttgggattga	540
gggttgattt	ttgtactat	cataccagca	tcgcaggcgc	acatatatat	cacttaatcg	600
ggtttcactt	tgaggtgcta	ttctacacct	gtccagattc	tctacgggtt	gctcaacagg	660
acacgtgact	tangatccta	ngtctcaaac	aacagtgtca	tcatggccca	gttngaaagg	720
gactcacttt	cgctan					736

<210> 5629

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5629

caaaaaatca	gcagcacagc	cctctcgctc	cagacacacc	gactacaccc	aaaaatgaac	60
agtgtagaca	tagggcgatg	cagaaaacgc	atcgtaaat	atatatggga	tcccagagccc	120
aggaatgatg	aagagccaga	tgcttctatt	tgggtgcttg	gagtagagta	tgccccgcag	180
cctcaaaaaa	tcacagcaaa	tacaacgccc	gatcaggatg	aacttgaagc	tggaacaagc	240
aaaatagacg	atgtaacagc	acacggctgg	ccagaggcat	tcgtctcgga	ctttgaatcg	300
aagatctgga	tgacgtatcg	atctgatttc	cccccaatac	caagactaga	caacgacgaa	360
gcgaatcatc	cgatgacgct	aactgtacgc	ataagaacct	agctaattgga	ccctcaaggc	420
ttcacttcag	acacaggatg	gggttgcatg	attagatccc	ggcagagctt	gctagcaaat	480
gcaatgctta	cactgtgcct	atgtcgaggt	atgaccccc	accctttctt	agccctacat	540

ctacacatat	aactccaata	taatactctt	gttctatata	ggccacatgc	taacatatac	600
tagactggcg	ccgtggcgat	aaagcggaag	aagaggccgn	ctactatcac	tggttgctga	660
tcacccagat	gcac					674

<210> 5630  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5630						
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gttgtcaaga	gacgcttggt	cgccgcaatt	attcctcggc	cgctgcacag	ccttcttcag	180
aatctacctc	taccgctaca	actaccttcc	ccgtcgtgaa	gcccgtctac	acaatcaatg	240
ccggcgtggc	cctatcccgc	ccccctcaga	ttaccgcgca	cctctcacia	ttcgagaaaag	300
catactatctt	ctaccagaag	cgactgaacg	agcgtttggc	gcttccattt	accaagtact	360
tttacttcaa	gcgaggaacg	ccggcggacg	aagactggaa	gcgtaaaatc	cgggagcgcc	420
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aactttctcg	cggagccgct	gaggccgaac	cggagcacca	ggtggagatg	cttgtgcagg	540
atgcggaagc	tacagtcaat	gctaccttcc	aagacaccaa	caagaaagga	ggagatcccc	600
aggccattcc	cccagagtaac	ggaagcggat	cagaagaacg	accagagaag	cctgaaccgg	660
gcccttcaga	ggacactcta	tt				682

<210> 5631  
 <211> 613  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(613)  
 <223> n = A,T,C or G

<400> 5631						
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caacaaggcg	tcgcaaagcg	agccttcctc	gagctcgtac	aggagggcat	cacttcaccg	180
gacgctatcc	tggccgcagg	gtgggataga	ctagtcgaga	tcttagatga	aggtcattac	240
gtccgggtatg	actttttcgac	tgccactaag	ttacttgatg	tggcgggtgt	tatcaaggan	300
gagtatggga	ctttttgggga	gatgttgaaa	aggttccaga	agtgtgatga	attggagatg	360
catttgacagg	agtttagggg	ggttggggccc	aagacgggtg	agatttttat	gagggatatg	420
aggcctttgc	tggagttagt	ggctgggggaa	tatggattgt	tggaagttgc	cgttgggggt	480
ttgggatggg	gtctgttgcc	aagattgtta	ttataatgat	tatgcttgga	agccttggtt	540
gcctaggttt	gaaattggct	gcaacggaaa	atggtccatg	tattggactt	aagtttgtgc	600
ttgttgcttt	aca					613

<210> 5632  
 <211> 500  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5632						
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atagctttgc	taatgtgcaa	gatatatatt	atcagttcca	tgtaaatcaa	gcaactttaa	180
gtacggtagc	ttaagtcgtg	cgattttttac	cccgtgtgtt	gtaccgtacc	tttcaagcca	240
atgacccgct	ttcactagt	tgcatggttt	ggccgggtca	tggtgatatt	tgagtcttac	300
cctatccttc	agttgcttcg	tctctgtgcg	gctcaacccc	caaagctgcc	cgcgttcgag	360
ctggaacagt	acaagcggct	caaggacctt	catgatattt	accagcgtgt	cgaaaaccga	420
atatttgaac	ttattaatgg	ggaaccttgc	ggagacggta	cgcatgtgaa	cattgagaga	480

agtcctgtctg gtggttgaag

500

<210> 5633  
<211> 689  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(689)  
<223> n = A,T,C or G

<400> 5633  
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ttcactggat tcttggccat gtgcaccctg atcggcagct acctctcatc cctgatggca 120  
tggatttctt tggttttcca aatcataacg acatccctga tgaccgccgt ctttgtccag 180  
ggtcgcaaca agttcaacgc caacggccaa accgcccgcg tgggcgcca gtcattcggc 240  
ttcatgtgga ctgctgtagc ctgtctctc ctgcgttgca taatgtactg cctcggaggc 300  
tccgtcggcg gtaaagaaac tgggtacagc ggtcgcgagc accgtcgtcg tggtttcttc 360  
tcttcccaac ggtccaatag cgtccggagc aacaaggagg ccaacccatg agtcagctag 420  
ccatataacc cccgattctc tcgggtctctc tacgagggat agattcagtg aaccatatat 480  
ctggaatcgt ggatggtggg tgagaaaatc agatattatt ttatangng tgcattcgac 540  
gcagccttca gcttcgggtc ttataaattt ggggaccagt gatggacaag ttgtcacaag 600  
cccaccctgn tnacaataaa acaagggctt tcttttcgtc cggtttataa tttggggcta 660  
attaacggag cccatggact tatttggtt 689

<210> 5634  
<211> 929  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(929)  
<223> n = A,T,C or G

<400> 5634  
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tcaccgccac tgcacgattg gagactatcc tcaaggccaa caaactccct ttccgcgcaa 120  
ttgatgtagc caccgatgac gccgcccgga agctctgggg tcgtcgctcc aagggtaaaa 180  
agttgccggg tctggtgaag tttggcacag tcgtcgggga cctggaagag attgaagaat 240  
ggaacgagta tggcgagctg agaatgcagg tcaacagcgt cgaagatttt ggtgatagta 300  
ttcctgctac gagcatcgtg accaccacgc ctgagttctg tgtatcgacc ccgcctcag 360  
aaccttcggt accaaagcag agtactatca agatccagaa cccgcccgcg aaagaatctc 420  
agaaagacga ctccatcacg gtcgctctgc gccaggctgg tgaggaggcc gccgccaag 480  
ccaaagaaag caaggccgag aaggcaactc cagctgctga gcagaagcag cccctccctc 540  
cagccgtcga agagaaaaag gaaggaggcg cagacagtgt acgtcggaaa tcatcggttg 600  
ctcccagat cgttgagggg gccaaaccaa agcggccacc tctggtgccg gaggttgccg 660  
cgggtgtctc tgccaatttt catgctgata atgccgaagc actaggatta gttgagcatc 720  
atcgtggctc catcgtttct gccacgtccc cggaggaaaa agcgaaggtc gctcaggata 780  
tccgtaagtc gatttcgggc ggtcatgcag agatgctgga gtcgttgccg gacgaccagg 840  
cgcagaaagc tggtcaggag gaaaccattg atgaagagtc aaanagtggc gaggctgtcc 900  
aggatgctat gaatcgaaag gcaaagaac 929

<210> 5635  
<211> 552  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5635

gatgcgga	atagcgacga	cgacgaagaa	cttcaacggc	tacaacagaa	gatcgccgaa	60
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aagaaggctg	ggaagctcaa	gtctagcacc	aaggaaatca	agaaacctgg	aagcatgaat	180
ctccccaa	aggacaagaa	gagcagcata	aagccatcga	aacccgagaa	gcagcgctgg	240
gtcacatatc	aggagaagca	aatcatatcc	aatgggatca	gtagccttcc	ggataaaaag	300
atgcaggaag	cgcttaagat	catccagagt	aatgttccat	ctctaaaggg	caccaagag	360
acagagattg	aactcgatat	cgatgagctg	cctaacgatg	tattactaat	gctgctcaga	420
ttcgtcaaga	agaatgcacc	ccaggatcatg	gaagacgaag	acgtggcgac	gcccactgct	480
atgatgaata	ctgctgctgc	tccccaaccc	aagaagaaca	agcctatgag	caagtttgaa	540
caggaagctt	aa					552

<210> 5636

<211> 524

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 5636

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agcgccagca	agaacgctgc	gaagaaggcc	gcaaaggaga	aggccaaggc	cgagaaagct	180
gctgcgcgcg	ccgcccagga	gaaggctcag	gccgcgcgtg	ctgaggccaa	cgacaccgca	240
aaggatctct	acggcaagat	ccccgaatcc	gaagacgtcc	tccccaccac	gaagtctgat	300
gatattaccg	atgaccacta	cgagaaggag	atcaccgtgg	tcgctcgtgt	ggacaatgcc	360
cgtgttcaga	gtgccaagct	ggccttcctg	atgctcagac	agcagggcaa	gaagggtgcag	420
gctgttattg	ccgctgcgga	gcccattctg	agacagatgg	tcaagtacac	cggtggactg	480
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<210> 5637

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5637

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tacacagcag	gttggcggag	aatcgtcagc	aacttttagtc	catcatgggt	ttccacaaca	180
atggggacag	gcatggccgg	aatcttggtc	catcttatgc	ctttcgagca	tgccgcgctg	240
cagtacatag	ccatagcctt	ttttgttctg	aatgccttgt	tgttcctcac	cgtgctcggc	300
atgtcaattc	tccgctatac	tctctatcct	gaaatctgga	agggcatgat	acaagaccca	360
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aaacttggcg	ttcgggggtg	gaagccagat	cgcgggaatt	tttgtcaacg	cgccagcacg	660
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<210> 5638

<211> 734

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

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<400> 5638
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cttggaaacat gccaaagggcc acacagtgc agagagtatt taccggctgc caaacggcga 180
aaggatatgg gatttccgca agctaagcga ccatttgata gaacgacacg ggtatccaat 240
agcgtttatg gatcgacaaa cagttctcca aacgctatat aacaaaattc aggataaaag 300
caagattctt acaggaaaaga gggttaaagc catagacagc tctgatccga ccgtggtgaa 360
agtgattacg accgatggat caatatacag tggggacatt gtcgtcggcg ccgacgggat 420
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cggcattgat gcttgcaccc ttcaggacgt attcaatgag aagtctcat atcttattgc 600
tgacgggctt ggtgaccgta cctatttctt cctgttcgag cacatggata gggtagcatt 660
tggccaggat attcctcgac tcacggagac ggaccgagac gaaattgtcg cagacacctt 720
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<210> 5639

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(656)

<223> n = A,T,C or G

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gcgaccaccg cggaagaagc cgaaaaccgc acaacttcgt ctgccttat ctacttggtg 180
acagccgaca atgtcatctg cagccatgtc gaaaaagaac aaaggggaaga aagtggccga 240
tccgaatgag acttccaaac tccttgccgc aaagatttcg cagctggagc aggatgctgc 300
tggcgagaag gaccaagaag cggaatcga gcgtgaagtt aagaaagcta cagagacct 360
gaaccagctc ctacgaata tcgaatctcc gatgaccgtt cttgaaaccg tacacaaaaa 420
gtacaccgaa ctgttgccg atatgaaaaa gctggaccgt gactattcca aaagcaagaa 480
gcggggccgat caactacaga aggatcaaga caaggggaaa tcggagctca ataagactgt 540
gaccatgaag gataaactgg agaagttgtg canggagctc acgaaagaaa ataagaaggt 600
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<210> 5640

<211> 1197

<212> DNA

<213> *Aspergillus oryzae*

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gcgcgtcttg atccgtgtcg acttcaacgt tcctctcgat gccgacaaga agatcaccaa 180
caatcagcgt atcgtcgggt ctctgcctac catcaagtac gccattgaga atggtgctaa 240
ggccgttgtc ctcatgtccc acctcggccg tcccgatggc aaggccaatc ccaagtacag 300
cctgaagcct gttgctactg agctggagaa gctgcttagc aagtctgtca tcttcgccga 360
gaactgcgtc ggcaaggaga ctgaagagat tgtgaacaag gccactggtg gccagatcat 420
cctccttgag aacctgcgtt tccacgccga ggaggagggc agctctaagg atgccgaggg 480
caagaaggtc aaggctgaca aggagaaggt cgaagagttc cgcaagggac tgactgctct 540
tggtgacgtc tacatcaacg acgctttcgg aactgcccac cgtgctcaca gctcgatggt 600
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tgctaaggct ttggaaagcc cccagcgccc cttcctggcc attctgggag gtgccaaggt 720
ctctgacaag atccagctga tcgacaacct gttgccaag gtcaacagct tgatcatcac 780
tggtgctatg gccttcacct tcaagaagac cctcgagaac gtcaagattg gcaacagttt 840
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tgagaagagt	gttgagctgt	acaagaagac	tattgcccag	gccaagacca	tcctctggaa	1080
cggtcctcct	gggtgtcttcg	agctggagcc	cttcgccaac	gctaccaaga	agacccttga	1140
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<210> 5641  
 <211> 1065  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (1065)  
 <223> n = A,T,C or G

<400> 5641						
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cacgctcccc	tgtacctcgc	tcagagcaag	ggttacttca	aggaagaagg	cctgaagggt	180
gctctgctgg	agcccaatga	cccctctgat	gtcactgaga	taattggtag	cggtaagggt	240
gacatgggct	tcaaggccat	gatccatact	ctggctgcca	aggctcgtaa	cttcctgtc	300
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ggaaaagattc	aaatcgacga	gctcaccga	tactatggca	tgactgcgga	cgactacact	480
gccgtccggt	gcggcatgaa	cgttaccaag	gccatcatcc	gcggtgacat	tgatgccggc	540
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accaaccagt	acctctcctg	gacgttggac	gcggatncga	ccgaccctct	gggtgaccag	1020
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 <211> 561  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5642						
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ggggaaaaaa	cccaaagggg	ggggcaaaaa	aaaaaacccc	ccccaggggt	cccggtttt	180
aaaaaaaatt	cccgggtggg	ccccaaaaat	ttggggaaac	ccccccggcc	aaaaaaattg	240
gggcccccaa	ggggggcccc	aaggggcccc	gaaaaaaaac	cctgggggga	aacccttaa	300
gccccaaaaa	cccccaaaag	gggggggtaa	aaatgggccc	caaaagggcc	ctttttctta	360
aaaaggggcc	cccagggggc	cctaaccctg	gggaaagggt	ttttgggttt	tcccttgcta	420
aaaaaccccc	ccagagaaat	ttttttaacc	cgggttaaaa	aatatgaaat	tttggccaaa	480
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<210> 5643  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature

<222> (1)...(650)  
 <223> n = A,T,C or G

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 tgcgtgggtct attttacaca agctcattga gaaaggagct gatagtccac gagtgaacgg 180  
 atcgcatcag acgtgtctcc accttgccag cagggcaggt aacctagagg ttgtgcgcaa 240  
 tcttgtagca aacggccatg atattctgct gaatgatatc catgggctga atccattcca 300  
 ctatgcactg aattatagtt gcttagatgt cctgcagtac atgtcagagt ctgcgcgagag 360  
 cgagctttcc cagctttggc actcgtctgga tgaccacggc aggagtccat tgcaccatca 420  
 tgtctcgtcc gtcctctgct atgttgacgc ggttgatttc ctgatacagt gtggttgcca 480  
 cgccaacana cacgacgcan aggggaactc ttgcctcagt ctggtgctga tccactatgg 540  
 gtcagtgaac gtcaagaaaa tctggcgcgt cttcttaatg catataacgg agcagatcat 600  
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<210> 5644  
 <211> 439  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5644  
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 ggagagacta tgggtgatat tcttcacctt ctcggtctca gcaaagaaga tgtcaaggaa 180  
 ctgaccaccg aagtagcatg agcgtcccag aagccgtagg tgtgtcgcaa acacgacaga 240  
 agacacatcc tattgcaatg atatctggcc aagattgctg ggggacgttc gcccggtgca 300  
 ggtttttccac ttggatcttg ctgacagggg cttagaaaag caccggttga tggcgcgct 360  
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<210> 5645  
 <211> 1215  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1215)  
 <223> n = A,T,C or G

<400> 5645  
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 gtcccgtctt gatatccgtt ttttccctg gcagccgcaa cgcgtgtccc cccgacgtca 240  
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 cttccactct ttttgaatct tcagtacacg ttcattacgc cgttgaccgg ccagccactc 540  
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 caggaattag cccaacaaca aggaaccagc gacggcgaaa aattcagcac cttaccgat 1020  
 gctcgccagg cacggaagtc gacaaaactg atcgttttta ccgtgctcac tcgcgcttcg 1080

aacgtcatcc	agaatcgcta	catccctgga	gtcaccaacc	gttcgcccc	ggaaacgccc	1140
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<210> 5646  
 <211> 1128  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (1128)  
 <223> n = A,T,C or G

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cgcagacaaa	ccgggccaaa	cggtcgggct	gagcaatacg	gactacgatg	atcggtcttg	540
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<210> 5647  
 <211> 627  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5647						
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ccggcatata	aatcaccccg	acaacaccac	cctgattctg	ttgttcctca	ggtaaatgcg	540
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<210> 5648  
 <211> 993  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5648						
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ggttggtctc	ggaagtgggtg	gtgttaagtt	cgtcaggatt	ggccccaaca	aagttgtgtc	960
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<210> 5649

<211> 1188

<212> DNA

<213> *Aspergillus oryzae*

<400> 5649						
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<210> 5650

<211> 1248

<212> DNA

<213> *Aspergillus oryzae*

<400> 5650						
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cggactcggt	ccgatcaatc	tatgccatca	actccggctg	tgttgagaat	caagctgttg	180
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agaccaagag	agggcccacc	tattcgtgtg	taatagacaa	gatattgtta	gtgtcctatg	1200
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<210> 5651

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<400> 5651

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<210> 5652

<211> 643

<212> DNA

<213> *Aspergillus oryzae*

<400> 5652

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<210> 5653

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<400> 5653

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<210> 5654  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 5654						
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acccttatcc	gctaacgtta	tctggcgggg	ccgaacaggt	cgaacaagct	cctcaaaaac	180
aacgcaagtc	agtcgcattc	agtgaaggct	ctgtcatcat	ggataccaac	ggcgaagtca	240
cagaggcgcc	taagggtggag	aagcccaccg	agaatgaagc	cacagccgac	aagtcggtcg	300
atgaagttac	cgaaatgttc	aagggattgt	ccaagaagaa	gaagacaaag	aagcctaagg	360
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ccgccttgaa	aaagaagaag	aagaagacca	agaagggtga	cgcgggcat	ttcgaggcca	480
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agggcgacct	cgaggccgga	actggtatct	gggcccacga	cgcaacgcaa	gccatcccct	600
actctctgct	tgtctcccga	ttcttctccc	tcattcagag	ccaccacccc	gaccttctgt	660
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<210> 5655  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5655						
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ctactctcga	aattcgtaca	ccctctgggg	atcaacaaca	ttctgtctac	agttactggt	180
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ggccgcaaat	actggtcgct	gctgatccag	acctcgcgta	atctggctcg	cacgatctgg	300
gtcaacacaa	aggaacgtga	aggagagttg	ggaaaggagg	atctcctgca	aaaactaacc	360
gcaatgaacc	ttatcctagc	tgtcgctgac	gcgctcagac	acaaactccg	tttcgaaccg	420
gatategctt	atgatgatct	tgcgggcctg	gacggctacc	tggacacctt	cgccaaagat	480
gcgcatgacc	gtcagcgctt	ccagcctcag	cgggaagtcac	tctggaaatc	gacaggagaa	540
tacctgagtg	tctcctttgc	cgaatcgaac	ccccggaagc	tcgtcaaacg	atccaagacg	600
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atcgcgga						667

<210> 5656  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5656						
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tgcattggaag	acgtagcttt	cgacaagtga	taaaagaggg	gttgactctc	ttttcgtcct	180
ttttttatct	tatttctttg	aatagacatc	attattatta	tctgattttc	cctcaaaaacc	240

gtgacaaaga	aagatgtcag	gccgaaacat	caacctccta	agcctagatg	gcggaggcgt	300
gcgaggtctc	tcctcgctta	tcgtcctcaa	agagatcatg	gaatccatag	accgcgagaa	360
tccccccaag	ccatgcgact	acttcgattt	gataggaggc	agcggatcgg	gtgggttaat	420
agcgatcatg	ctcgggcgcc	tggaaatgga	cattgaccag	tgcattccatg	cttacaagct	480
actatccaag	aatgtgttct	cccaaaagag	actcctaccc	atcggtagca	atctgcgcag	540
tcgcgcgaaa	tatgacatca	agaaagtgga	attggcgttg	cggaagatcc	tgcgagaact	600
gagttatgag	aaggatactc	ttctgaggga	ggaggcgggg	tgtaagggtat	ttgtttgtgc	660
caccgatgat	ac					672

<210> 5657

<211> 271

<212> DNA

<213> *Aspergillus oryzae*

<400> 5657

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gaccatggag	agaatccaga	acgacccaga	catcttggct	atccttcagg	acccagtcac	120
gcagagcatt	ctgcagcaag	caagaaccga	cctgctgctc	tgcagaacac	atgaagatgc	180
ccaagtccgc	ctgaagattc	aaaactgtgg	gtggctgtgc	atccgctggg	accggaaacg	240
agaaccctgg	atttagggga	taatccgact	g			271

<210> 5658

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 5658

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ccagaagatc	aaaccccggt	ttgagcaagt	ctgtcgcgaa	cttgggtctc	agtatgcgac	180
ggaagagaat	gcgggacgca	tttatgtcaa	tctcaccggc	ggaccggctg	atatgtctga	240
agttccggcg	cactctggct	atgggcaatc	acatggtcag	tatccaggcc	agcagcaaca	300
ccaacagcca	caacaacacc	aaccccgagc	gcagcaaac	caacaacaac	agcaacagga	360
ccccgtcgag	gagatgggtc	acgcggttct	cccacgtgtg	ttgcgcaagc	tggagaaggc	420
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gctacgaagg	atcagacaac	cttcgatata	atggtaccga	tatataatcg	ttgcaaggga	540
cgaaaatgcc	taacttactg	ctgggatatt	tgcattgagc	cttggattaa	tatacccgag	600
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<210> 5659

<211> 546

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(546)

<223> n = A,T,C or G

<400> 5659

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cgtctcagac	agcgttaccg	actgccgctg	ggaacaaaac	aatatctatc	ccggacgttt	180
ccgtaaagcc	agaacctgat	ttactattag	tattcaggcc	cttcttgaaa	ttagatggct	240
atccaccctg	gcatattcga	cttacggaga	tgtattgtac	aggtgacaag	agcaacagca	300
taacaggcta	tggngaggct	gtcgaatacc	agggctttct	tanggggtta	tggcattatg	360
caggngctca	aatgagggtc	gggcgttgag	ccctctctcc	ctcctggctt	tcngtacttc	420
catgtctacc	tcttttccgt	tgttggaagg	accctgaatc	gaggcttcgt	ataaagcgct	480
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acttttt

546

<210> 5660

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 5660

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cctcggaagt	atcgatcgaa	cctccgcaag	atggtatata	gctactagac	acaaaaagcg	180
acttgcttct	ctcctatata	cacaatcttg	tttttctgat	gctgtttcag	ttgcgcggac	240
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aaaagcttgc	agaattacgg	gtttacctgg	accgcggtgt	gaggccgta	gaggacgcac	360
tcaaatacca	aatagacaaa	gtgatcaagg	ccgctgagga	tgcggagaga	accgagcgaa	420
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tggcttaccg	gccccacgtc	tcggcctttg	cgaagaaagt	ggaacccgaa	gcgcgggcag	600
agaagtctaa	caagatggcc	cccagcgacg	gcattctatc	cccaccgaag	atcatgccga	660
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<210> 5661

<211> 607

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 5661

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tggttgtggt	tgccgcgacg	ttgaaggggc	agacgggtac	ggctatgacg	ccctcgggac	180
cgggtgacgg	gagggatccg	ccggatttga	agaatctgag	ggcggttgtc	gcgcgcgggg	240
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ttatatcccg	gggcggggaa	aatgggttgg	gggccatctt	ataaattgag	gggttttggt	540
catattgaac	gggggtaaaa	ggacttggcc	ctgaagatac	ggaattttat	tcctggatgt	600
gggttggg						607

<210> 5662

<211> 573

<212> DNA

<213> *Aspergillus oryzae*

<400> 5662

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ccccttgga	aaaagggg	aaaaaaaaaac	tgggaaaagg	gccccccac	cttaatttaa	180
ccaaaccgc	cctccaaaca	atttcaaaac	cctttcaaaa	tttcccccaa	aaacaacggg	240
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actcccgtcc	cgaaaaaatt	ttaacacccc	gaagggtgcc	caaccttaaa	aacctcaaaa	420
aaacccccgt	gttccccacc	agacaccacc	taaccaacct	gtctccaaa	ccccctaaaa	480
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<210> 5663  
 <211> 1493  
 <212> DNA  
 <213> *Aspergillus oryzae*

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 ggaagtcagt gaatactttt ggctggactc tcacaatgat caaggtatct taggtaacgt 180  
 ctttggcggt ggccgggtgt cgttcccagt catcgatgca ttcacatgcc ctccctaagc 240  
 tgggccctag actctaggat cctagtcctag aaggacatgg catcgatgga ctgggttcgt 300  
 tctgagatta tacggctaaa acttgatctg gataatacca gcgaaaagga tcatgccttc 360  
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 atcaacgctc ctgtcatcat cagtaccact ggtagcatg ggccattcgg cgccttctgt 1140  
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 gccatggttc tcagtgggtg caaggctgcc gaggaggcat tgaagggtgt cgacgagcgt 1380  
 cagcgcgagt gtgctgagta aatgactcac taccogaatg ggttcagtgc atgaaccggg 1440  
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<210> 5664  
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 <212> DNA  
 <213> *Aspergillus oryzae*

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 acacaacttg aaaccctaaa cccaaaacca tggcctccaa ccgatcccgg cgtatcgcaa 180  
 aggaaatagc cgatatacac gccgatacgc agtctgggat cacagccgaa ccagtaggca 240  
 gcgatgaaga cctcacacat ctacgcggta catttcgggg gcctccacgt actccgtatg 300  
 atggcgccac ctacgtcgtg catttaatga taccacacga ctattcctca cctgacgcga 360  
 cgagtttagat gacgtccaca aggtactgat cacgatataa agacacgata ccgcgaaatt 420  
 atgatgccta cgaagatgat tactcgacat gaagacgacg ctcacacaga cacgacattg 480  
 cgacacgtag acgaaatgta cgacacgata actttaagat gactattccg atataattac 540  
 gacttcatcc tcacgctatt acgaagcgac gtcatggtat cgacgacaat actacaatga 600  
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<210> 5665  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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<221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

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 ccgagcaaga acagaggaag agggatttct gggttgccta tatccttgat cagagcgcac 180  
 gcatacggac ggggagttcg cccaccagc atccagacga tcttgatata ggttttcccg 240  
 aggtggataa tgatgatgag tttaacaatga acggcaatgc ttcttttttc cgccagcttt 300  
 gccatttgac gctcataaga agccgggtat atagtaaact ttatgctgtt aaagctctgc 360  
 agaaaatgtc tcccagagag atctacgata ttgtccggga gtcccgagag gaacttgaag 420  
 aatggcataa tgcaagcccc ttcacccaac aactgaagcc gaaaggaccc agncaggatt 480  
 tcctgggtgg atttgctact gctggtttgc agctttgcta ttataattct atgatcaaga 540  
 accaccggct ggccctgact ttttattttg cctataggca aaatttacia ttggcggcgg 600  
 ggggacgtta atacacaacc ttttcaccaa tcggctaagg gaatcttatt ttttgtaaag 660  
 gtgcccggaa aaactgaaat t 681

<210> 5669  
 <211> 522  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5669  
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 ccagaccatt tgagattcgc attggctgat atgaagagga ggatgaccat gaacttacac 180  
 aagcgtccgt ggagaagagc ctcttaccgc tcatccgcag ctgcttcgat cgggatccgg 240  
 agatcgctcc agaggccgta gacgagccgt tcggaagtct ggtggagcgc gacggtaaatt 300  
 tcgctaagcg ggttggtattc gccgtacacc aaatgtttgg tgttgaaatt gcacctggag 360  
 ttgttcaggc cgatgggact gtccgcaacc tcgcttgagg ggtgtgcaat gcgaagaggg 420  
 tcctggctcc ttacagcatg tcaagaaacg gcgcgtccac cccgaccgag aggaaagaag 480  
 aagggtgtaa aatcacttgg tgcctttttt aatcacgaaa ta 522

<210> 5670  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

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 ccccagaacc aaacccgact acacgggtcc ctcccgtcga ggccggccaat ggaccgtcct 180  
 gatcctcctc atctgcagcg tcttctccat ctccgaattc aaaacgtgga tcaaaggctg 240  
 cgagaaccac cacttcagcg acgaaaaggg cgtctccac gacctccagc tgaaccttga 300  
 catacgactc caaatgccct gcgacgccct acacgtcaac atccaagacg cctacggcga 360  
 ccgcatcttc gccggcgagc tgctgaagaa ggacccacc aactggaagc tttggacgga 420  
 caagcgcaac tacgaccacg agtatcagac gcttagtcgc gaggaaccga gccgggttaga 480  
 ggcgagcagg gaggacgccc atgtgcgcca tgtgctgggt gaggtgagac acaaccccaa 540  
 gaagatgatc ctcagggtcc caagctgcgg agaggagatg ctgtcgattc gtgtcgcat 600  
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 ggnatatagg atatgggggg acn 683

<210> 5671  
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<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(552)  
<223> n = A,T,C or G

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acttttcgggt ttggcactat tctctgatct agtgcgccg tatttagaag cttgacgatt 180  
tgaactccgc ttgggggtata cagatgacct gatgctgtct gcgatcaacg cgcccttcgg 240  
ggctggcgta attatctttt gggtcgactt gatagcgttc ttggaaagca gacactctgt 300  
acatcacatc cgtgcctttt gtgatacaac tttccctctt gcattcgagg ggtatgggtcc 360  
gacgattcca cgatagaatt tcatgattag atcaatgtaa aacgaatcaa taacgaaaac 420  
ctacggttgg atacactata tctgtctgta tggcattgga taactacact tactcacgat 480  
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<210> 5672  
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<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(682)  
<223> n = A,T,C or G

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aagaaaaacc cggaaccggg cagcaagaaa gaaagcgaag atgctccgtc tgcataaca 180  
tcccaggcag tggatgagaa ggagaaccct ctttcgcctc cgccagctca gcaggatgaa 240  
tccgatttcg gggtgagcgc tggggctact gggaagacgg aggcggaaag gaagtatgag 300  
gagatgagga agaagagggtt acaagaacgt ctcaagcgag aaggggtcaa aacgcataaa 360  
gagcagtag aagagttgaa caaataacctc agtcgactga gcgaacatca cgacatgccg 420  
aagattggac ccggttaaga cagggtttatt attcttatta ggattattgg tttttttttc 480  
tttctttgtt catgcatgta tcctgggtat tattgtttgt tcgttatata ttatagggtt 540  
gtagaatttc ctcatgcaat ggttgctcatg tgcctttttt atttttattt ggatttttat 600  
ttttgggttt tcctttttgc tggcgctccc tttttcttaa tgtctatcac gttagaactc 660  
gaaggtgaaa atcatatgac cn 682

<210> 5673  
<211> 675  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(675)  
<223> n = A,T,C or G

<400> 5673  
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gtccaccatg gaccgcagct tggatgagat cattgcggag cgctctcaga aacaaaaccg 180  
gggtggccgc cgtcctcctc agggctcgtc ccgtgatggc gtaagaaagt cttacagaga 240  
agaacgcctt gatttagatc tatattacag ggattgggta cacgacaaat atgaagacga 300

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cagagattca cgcccatctc gtgcccctcg acgacctcgc ggtgaccgct attccccgcc 360
gccggaccac gtcctactg gagctaagct tcgtattgag aaccttcatt atgatattac 420
agaaagtgat cttgaggatc tattcactcg aatnggtccg atcagcaacc tgtctctcgt 480
ctatgaccga gcaggacgct ctgaggccgt ggctttggta cctatgaacg tcccagcgat 540
gcgagaactg ccantagcga gtttgacggc gcgaatgcta aaggacaacc tattcgtgtg 600
actcttgtnn ccaacgggtgg tggacgacga gaccggaatc cnntttgaca cgttgagaga 660
cctaagggtg gcttg

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<210> 5674
<211> 1348
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(1348)
<223> n = A,T,C or G

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<400> 5674
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tgtggacaac gtggttgacc gcgtccgcgc ggtggccgat aactgttccct ctctacaggg 180
cttcctggtc ttccactcct tcgggtgggtg tactggctct ggtttcgggtg ctctgttgtt 240
ggagcgcctc tccactgaat acggcaagaa agccaagcta gagttcgccg tttaccctgc 300
ccccgtgta tcaactgcgg ttggtgagcc ctacaatgct gtactggcca cccacagcac 360
tattgagaac gctgactgca ccttcctttg tgacaacgaa gcagtctatg acatttgccg 420
tcgcaacctg gatatcccc gcccgagcta tgagcatctg aacctgctga ttgctcaggt 480
tgtcagctct atcacctcca gtctgcgttt cgatggtgcc ctcaacgtcg acttgactga 540
attccagacc aacttggtgc ccttcctctg tatccactac ccgttgatct cctttgcccc 600
cgttgatacc agcaaccgca gttctcatga aagcttcaag gtgcaggatc ttaccttcca 660
gtgcttcgag cctaataacc agatggttgt ctgcatcct cgtaacggaa agtacatggc 720
tgtggctctg ctgtaccgcg gtgacgttgt gccccgtgac tgcaccaggg ccgtagctgc 780
catcaaggcc aaggcttcc tcaacctggt cgaatggtgc cctactggat tcaagctggg 840
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tgtcagcatg ctctccaaca ccaccgccat ctccgaggcc tggagccgtc ttgatcacia 960
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<210> 5675
<211> 621
<212> DNA
<213> Aspergillus oryzae

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<400> 5675
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gatcggcatc gagggccac gcatgaacct ccagggtgcc cgtgtggata ttcttttcca 180
tgtcacgggt ttcccacctc agacgtcatc ggccgaccac gacagtcgcc caccgctgac 240
ccccatccac gacatgcccg agaacaccgg acacagcagc tccagcgccg ccgcccaccc 300
gtcaatcctg cgcaaaggca tgaacaccgc tgcggcccgt gctcggggag agtcgatcca 360
gtcacacaaa catgtcgact tctcattggg catgctcgat ctctcctccg gcgatgtgat 420
ggcgatgtg tttgaaacca cctcccctcg tgttgatgac gttgtccgct cttccaatcg 480
cgaagccgcc cagcgccgca tcctagaaga ggaagaggag gaagaagccg aacgccagag 540
ccgctcgtcg tctcccggg caegtcgccc gtccaacctc agcgtccga cccagccggg 600
cgaaaggcgt cggtcgacgg a

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<210> 5676  
 <211> 570  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5676  
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 gacccttttt aaaagggggc caaaattccc cagaaaaaaa ttttcccacc ccagggggga 180  
 aaaaacccca ttttcccca tccccgatt tgcaaaatgc cccgggaaaa aaaaaccttt 240  
 tttttcccca aaattgggaa caaagccagg ggggccctta acaacccttg cccaattttg 300  
 taaacccctt tttttgacct ccgcaaacg aaaaaccttc cccgggggtt tttcccaatt 360  
 ccccccgaa cccttaaaac cccccaacct tggggaaatt ttgcggttc cccaattttt 420  
 tggaaaaggg ccccttaaac cccggggtat tttaaaaacc ggcccgggaa gggccccctt 480  
 ttttccaaaa ggggcaatat tggggaattt tccccgtta accctcttaa aaaaaccccc 540  
 ggggaaaaac aattgggggg gggagcccat 570

<210> 5677  
 <211> 668  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

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 ctgggcccgc ggcattccat ggctatcctc agggccctcc gcaatctgag cctcaaagat 180  
 atttcagccc tcggcctcaa gaaacccagt cgcaccagcc caatacatcc ccttactacg 240  
 gtgcagacca agcgcctatg taccctccca cgtctcaatc ccccgatccg cgcaaccgca 300  
 cacccccagc tggagcatcc tatcagcctg tgcattcatc accagaatcc acatatgaac 360  
 acccgcaaga actaggaaca tctngttatg actcccctgt cgagcatcct tccgcaagcc 420  
 aacgacttcc atatcctgcc agtggacaan gcccgncgc tgcacagccc cccttccagc 480  
 agcagcagca acagcagcag caggaatacc caccctatgc cccctgagat gcagcttagc 540  
 cacaancccc cctaccctat agggccagct ttcaatcagc acccaccat gcattcaaccg 600  
 ccccttgccc gggcacaaacg taaacacggc actttaccct ctttaacccc cgggcagaag 660  
 ctatcaac 668

<210> 5678  
 <211> 576  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5678  
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 aattttccca aaattttttt aaacccgggg atttttaaga aattccccgg gggccctttt 120  
 taaaaggggc cctttaaaaa ccgggggaaa tccccgggtc ccaagggggg gaaaaccccc 180  
 ttatgtgggg cccgttaaaag ggggcggtt aaaacccact ttttggaaac ctttggcccc 240  
 aaacccttgg gggtattcaa atccaaacct tttcttttgg ggggaatttg gcggccgggg 300  
 cccaatatcc cggggagggg tggggaaaaa ccaaattttg gggacccggg taaaaatttg 360  
 aaccagggcc ccaagggttt ggggcctttt tttcgggatt ttttcggggg aaaattcccc 420  
 gaaaggggcc tttttgaaag acctgttgc cccctggggg ggtcgccct tggggcccaa 480  
 cggaacttt ttgggtacct gggggggtt gcccaaatc ggggttttaa cccccctttg 540  
 aaggggaggt tttgggcccc ggggccc aaaaccg 576

<210> 5679

<211> 695  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5679  
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 catcttgaac tttctatccc gccgaaccac cgagtgcagt catcatatac tacctcatct 120  
 cacgcgacag ctcatagacc tcccactgct ttccaacttc cactctctcc tcttcgttac 180  
 ctccaaacga aaagtgaagc atcaattgac tttctccaac ttcaattcaa tcctccaaac 240  
 acgtcaagat gactcgtgcc aacgaacaaa ctgcaaaggc cttctacaag ggatcttctg 300  
 aggacttcgt agtcttcgtc gacgatattg agatcctcaa caactggcgc aaggatcgct 360  
 caatcccact ggccgatgtg gtaaacggct ttaagatttt tgttactcac aaacacgggtg 420  
 ctcaaggcat catggacggc gctagcaagg gtattctgga gaccgagttc ggtacctcga 480  
 acgaggatga gtgcattaag aagatcctag agaacggcga ataccagtct tctgtgacga 540  
 aggaacgccca ggggtgtacc aatgacgcta aagactcccc tgtcgttggc cggtaatattt 600  
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 ggttttctcc tgaattttaa tatatttgac gatag 695

<210> 5680  
 <211> 676  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

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 agtcctagat aggaagtga aagaaaatgg caacttgtct tactgcccc aaacggccgt 180  
 ttctagccct gccgtcattt gtcccgctct cgtgtccgtc gatcactttg caaacacgcc 240  
 ggcatcaatc tccgtatagg cggacgaaac aacgcctacg tgtcaaacca gatgcgtcgt 300  
 ttggtgtttc gtccacccaa tttcatgac aaatcattca caaccgcct tcgagcgccc 360  
 cctcggtata ccatacacc acgaaattcc tccctctcga tgatgttcgg agaacccttc 420  
 gtggcgcttc catgaacaat ggaaattctg ctcaactacc ctctgttttc aaaacatccg 480  
 tggagaagag atatcatttg aatccttcag acatagagga gatccgcaga ctgcgattaa 540  
 gcgacccgat gacttgagc cgttggaac tggctaagcg ctttgactgc tctccaatgt 600  
 tcattgctat ggtatgtgaa gctggccac anaagaagga attaccgaaa caggtctggg 660  
 aagcgggtcca ttgaga 676

<210> 5681  
 <211> 678  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(678)  
 <223> n = A,T,C or G

<400> 5681  
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 cagcatcaag accagttctg ttcccttgga tagtttccgt cctcccttaa ctggagacga 180  
 gattcggaat ctcggttcg atggttgggc gaaagatttc atcaatggac cagaccagt 240  
 ggtcgccaca ctatgtagcg agaatcggct gcaccaaaca cctatcggcc atcgagctat 300  
 cacggacgaa gagtttcgca aaatagaaca ggggtcgata tctcctggg tggctggcag 360  
 gcaaagctac caaattacgc gacgaaaaga atatggtccc agtgcaactt caaccctgtg 420

gagacatttg	aagccggcga	agggtgtggac	atcacaaacc	ttggatgcat	cagcgaaaca	480
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ggacatggag	agagccaatc	tacagcagct	cggccatgat	tntgatgaat	gtgaacggga	600
acaggctcga	acttgagagg	gagaaagtcc	gaanaacaac	ggctcttaca	aactaccggg	660
ctatccccga	aagaattn					678

<210> 5682

<211> 661

<212> DNA

<213> *Aspergillus oryzae*

<400> 5682

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atgagatgca	tgggtatata	acatcacacg	cagacagaga	gtatcaagcc	taacgacgct	180
gcaaagccgc	ctcgatcaac	ttccgatatc	cgcgaaacagc	ctcctgcaga	tccccaacag	240
ttatagcttc	attatcacca	tgggcaacat	ggatactacc	gggaccatag	aggtagcgac	300
gaacggggcc	gtcctcgcg	tcattggatct	gcagattcgg	cacgtcgggtg	ccgtagttta	360
ccgtcgtgat	gtcgaagcca	tcaacgtctg	tatccaagtc	ctgaggggga	tatccttcgg	420
agcgggtatt	aaactccgcg	tacacatcgg	ggttaccatc	cgtcgcatcg	cgcacggccc	480
gtcgaacgat	atcccgtgcc	tcgtcagggg	tgcccgcggg	cagacgcacg	ggaacgtcag	540
cgcgagcagt	ggccgcgacg	accttggcaa	cgacaccagc	ggctacctgg	gcgatgttca	600
cggtcgtggt	ggcatacttt	gggctgggaa	gaaaaaccgc	ccttgcccgg	ccggatgttc	660
a						661

<210> 5683

<211> 869

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(869)

<223> n = A,T,C or G

<400> 5683

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caggctacta	agttccagga	cacggagcgt	accaaagagt	ctgactggaa	gctcagcaac	180
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gcccagaagt	atttggacct	tgttccggag	aagcaccccg	aggccgaggt	tgcaagggaat	300
cgtatcaagc	tggcgacgag	gcaaccaact	gctcagaaga	cacagcaaac	gactactggg	360
cgtggaacgc	cactgaacaa	gcctctccca	actaccaacg	cttaccagcc	tcaacgaaca	420
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aatgcgtacg	cccctccagc	tgctgctacc	aatccatacg	ctcccccggc	tgctgctacc	540
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ccaccacgtg	cgtcgaatca	atccccagcc	actgttacca	cgtacactac	agctaccaac	780
ctccttgctt	ggaacgatct	tcccgaaggc	ttcgcgaagg	cttcgacacc	ccggagaaga	840
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<210> 5684

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 5684

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ctggttggtt	acagtgtttt	ccagtcacga	agacttgga	cccaactcta	gaaggaacgt	180
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gtcctctcta	cgttcgcgtt	aggtacggca	cgaaagatga	aagcaggttt	tggcaacact	540
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aan						663

<210> 5685

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 5685

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gctctgtctc	cttcaactac	gtggaggagc	caccggaggg	acagcctcag	cgcaactata	180
gcgaagctgt	ccacaaagtt	catattacgg	atatccgagg	gcaagaagat	cagttcacgt	240
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ggtatcgttt	atcaacgtct	ggaggccgat	aaatggcgcg	ggtgaatcgt	tccctctggc	600
ttttgccaac	gctgcaactt	tgggcgacag	ggacttcgct	aagaatgaac	att	653

<210> 5686

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5686

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actctactta	gtctctaaga	caatcatgtc	caccgctaag	agaaagcaag	aagccgaaga	180
agaagaagag	ctccaggcgc	tccctagcga	cgagagcgaa	gaggaagaag	agtatgagga	240
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ggaggacgag	tgaatgtcct	tccggcctgt	gttgatgatt	tgggggggct	gtaatcttta	660
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<210> 5687

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5687

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<210> 5688

<211> 1767

<212> DNA

<213> *Aspergillus oryzae*

<400> 5688

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<210> 5689

<211> 1362

<212> DNA

<213> *Aspergillus oryzae*

<400> 5689

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<210> 5690

<211> 1352

<212> DNA

<213> *Aspergillus oryzae*

<400> 5690

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<210> 5691

<211> 1107

<212> DNA

<213> *Aspergillus oryzae*

<220>

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<222> (1)...(1107)

<223> n = A,T,C or G

<400> 5691



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<210> 5692  
 <211> 646  
 <212> DNA  
 <213> *Aspergillus oryzae*

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gagaccacta tcgcaagaaa gccatcaagt ataagacggg gccagtagt gaggatgtct      540
gggatctccg gacagagccg gatccgaatg cttttgaagg ggatattgct gctctagagc      600
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<210> 5693  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

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tgcgttccat gttcgcctcg gtgcgcacat ggggcaaaga gaagagtcac gcgggcaccc      600
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679

<210> 5694  
<211> 618  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
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<223> n = A,T,C or G

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<210> 5695  
<211> 854  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(854)  
<223> n = A,T,C or G

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<210> 5696  
<211> 1351  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
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<223> n = A,T,C or G

<400> 5696

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<210> 5697

<211> 652

<212> DNA

<213> *Aspergillus oryzae*

<400> 5697

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<210> 5698

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<400> 5698

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<210> 5699  
<211> 1095  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5699  
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gcatcaagaa gtactgcact gtcgtccgtg tgctcgccca caccagatc cgcaagaccc 540  
ctctcaagca gaagaaggcc caccttatgg agatccaggt caacggtggc tccgttgccg 600  
acaaggttga cttcgcccg c aacctcttcg agaagaccat tgagatcgac tccatcttcg 660  
agaaggacga ggtgatcgac gttattgctg tcaccaaggg tcacggtttc cagggtgtca 720  
ccagccggtg gggcaccaag aagcttcccc gtaagactca caagggtctg cgtaagggtg 780  
cttgatctgg tgccctggcac cctagccacg tccagtgagc tggtgcccgt gctgggtcga 840  
tggtgttacc ccaccgtacc tcttgcaacc acaaggctca cgtatcggg aagggtccg 900  
acgaggctaa cgcctccacc gacttcgata tctccaagaa gcagatcact cctatgggtg 960  
gcttcgtccg ctatgggtgag gttagaacg acttcgtcat ggtcaagggt tccgtccctg 1020  
gtgtcaagaa gcgtgtcatg accctccgca agaccctcta ccccaaac agccgcaagg 1080  
ccaccgagaa gatcc 1095

<210> 5700  
<211> 1191  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5700  
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atatacttac gcactgctct tctttttgac tatcctactg agttcactcc ttttaaccatc 180  
aatcttacga cgaaggcttt cccgtctcgc tgtatctcac ttgcattgca tatcgtatca 240  
acatcgacct tacctcgaca tcttcaatta cctttttcgg attatcaaatt cgccttagaa 300  
caatttcattc aaaatgcggt ccatcttcta cttgactctc agcgccatgg cgtctctcgc 360  
tgctgctgct accaacagtg ccaaccggtt caacatcccc tctgagggtt attcggtcga 420  
ggctgggtgag ccgactacgc tctcctggaa gcctaccacc agcggcaccg tctccctgaa 480  
gctccaatgg ggcgctgtga tgacttcgaa cacgggtact accattgccc agaacattcc 540  
caactcgggc agctacacat ggactcctcc tgccaacctc ggggctcagc ctgactacac 600  
cattgagatc ttcaacgacg atgacaccag tgagggtcaac tatctcccgc ggttcaccgt 660  
ggccggtgct actgccgccc cgtctaccac cgcgtctgcc accactaccg ctgagactac 720  
ctctgccacc gactcttcca cgactgagac gaccactaac accaagtcgg ccaccgagac 780  
tcataaccaca ttgactaagg cgactgctag cactgcctcg agcacttcgg ctactgcctc 840  
tggcaccagc accgagtcca ctagcgctc cgccagcgcc accggcacct cgaccggcac 900  
ctctactggt tctgcctcaa cctccactga ggcttccagc accacctccg ccagtgcac 960  
ggcctcgacc actagcgttg tcaacgtcaa tggcggtatg gtttaaccgg tctctggcgg 1020  
catgctggcg atcgtttctg gtgccattgc cgtcctgtga gcttccctcc gactctagtc 1080  
ggcgatctga ccatacttca ttaattagat agttcttaac tactcttcta tgcgttcttt 1140  
ggtttctttt tctctttttt cttttttcgt tcaactgagcg gacctgtttt a 1191

<210> 5701  
<211> 674  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 5701  
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 tctcctgcat ctgctgctgg aacaagattc aaatgtacct acggaacacc gcctttcttc 120  
 acgaacacgt acggaattga ataggctggt ggataattgg aagggttaact ttgaccgggc 180  
 agtcgcgctt ctggaaaact acaagcgact atttctcctg agtcgcttgt accagagcca 240  
 aaagatgtcc cgtaatgtcc tcaagacgtg gcggcggatc attgaagggg aggaagattc 300  
 tgggaatgag accaccgcct ctggcgttga gacacagatg cgcagggtatt tggtaaatg 360  
 caaagatgca cagcttggtg aggaatatgg tgcttggttg gcacagcgaa accctagtct 420  
 tgggtatacaa gtctttgctg acaacactag tagagtcaaa ttagaccctg caaatgttgt 480  
 ccgcctgctc aaggaacgag caaccaacgc agttcaagat tacttggagc acctgggttt 540  
 ctcaaagaat tatacacaat acgcagatga cctcctttca tantatcttg atactgtgct 600  
 ctctgggtctt gagaactcnc ctgctgctcg gtcgtcgctt tgcgaatcca tatcgacttt 660  
 acgtgcatta cagc 674

<210> 5702  
 <211> 682  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 5702  
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 gacaggccat taccocctat cccggtggaa gattctcctt catcaggcac caccacaacga 180  
 cctccgacaa caccaaccga cacccgacca cccaccactc cttccgagaa tcgtaaccct 240  
 aactcagcaa caacaacacc cacccgatcc ggccgcgtca cccaatggct cttccagtca 300  
 agcaacaaga cctccccctt ctcttccatcc gtatccccctt ggaagtccac tttcaccgac 360  
 aaaaaccctt tccgcatccg ctcccgaaacc ctcagtggat ctactatcac ctccagtctg 420  
 accagcctaa caggcggctt caagactacc ccatctttat ccagcaacac tacagcagcc 480  
 gccccagctc ctccacccca cattgattcc cgtctggaaa aggagtggga tgtgcccag 540  
 tctttttctc gtccctatat acctaaacac gctgatgagc ccgacatcta tccaactatc 600  
 tttgaaggctc agcaacagca tcagcatccg cagaacggat atgatgaatt cgatcacaat 660  
 tactacacga cgtaatcgca an 682

<210> 5703  
 <211> 670  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 5703  
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 gccatctgag gggctcagct tacaaaacgt agtcaatgga cttgcacgcc ttaagggggc 120  
 gcgtgatatc atgaacaata tcaactactt tttcgacctg tatgatgata atgggaatgg 180  
 cactgttgat cgggagggaa ttttaagaat gtcagaagct ctccctttcc tctcccgccg 240  
 aggctttgac ggcgcaatta ccccgagtga acctctggag gaggttggcg aacgcgaccg 300

cttcgagcag	gataaattga	gtaccgatga	gaggttcttg	gggagtgtca	gctcgttcat	360
ccgtcgctgc	ttcgagtacg	ccgatcccag	taaccctgag	ggcaaggcta	cgcaagaacg	420
aaaggataca	gatacagaag	aggcaaccga	aaagcttgac	gcatttgcta	ttggcgacga	480
cgacgaagaa	gaagacctca	tccgatattgc	tgacgaagca	naacccgagc	catccgattc	540
gaagaagcaa	aacagtgata	cccagcacaa	ccgngtgca	tcagaggctg	caaatccagc	600
cctcgacccg	aacaaccctc	tacacattac	ccttcccaca	ttccgcatgg	tcattattggc	660
cgacgagcta						670

<210> 5704  
 <211> 660  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5704						
cagcgatccc	ccggactctc	cgcggtcaac	ttacctgctt	gtttcccaac	gtcttcttcg	60
tcctgcggcg	atcgcatccg	tgcatacttg	ccctgtaggg	agtaacttac	cgtggagctt	120
tgtcgcgaac	gccgtttgag	aacgagagat	gtccggcgac	gatcgtcagt	gacgtgaagc	180
tgccctgtga	tgggatcggt	tgtgcccttc	cgctcaaaga	acaataagtt	tcattgattt	240
aataaaggaa	gcgcggtctc	gccgttctac	tttggttaagc	tctggaagat	atatataccg	300
ttttttgccg	ctttttcaac	tctacagtac	actttagaga	agaggactgg	attggacgtc	360
atcgctccac	tccgatcgct	ctagacaaga	tggcgatgaa	cttcgtgaca	ttcaaccagg	420
actacagcta	cttggctgtg	gcgactgcca	aggggtttcg	catattcaca	acagaccctt	480
tcgccaaagag	ctatgagacc	aaagggaagg	aacattgcta	taatcgagat	gctggtttcg	540
acatctttgg	tcgcgttgat	tctctcacca	cgttgctttg	caaatcactt	attaccaagc	600
gcccaatcta	caattatgcy	aagttaacgt	ttcccaccac	tggcctaacg	gttaaaactg	660

<210> 5705  
 <211> 649  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 5705						
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actcaacaca	atcccacgat	aagcccgaag	cttcacagca	acccaacag	cagaagcccc	120
ccgtgttgga	ggaagacgat	gaattcgagg	atttccccgt	tgaagactgg	ccacaagaag	180
aaaccgaaca	agcttcttga	tcagcaaacg	gcgctaattg	tcacctttgg	gaagagagct	240
gggatgacga	tgatgccgct	gaggacttct	cgaagcagtt	gaaggaggaa	ctgaaaaagg	300
tcgaagcatc	ccgttagtat	gcgagatggc	atggtatcgg	ttcggttcgc	gagatgaatg	360
acagctcaat	gaattaattg	accgtggaat	tacaaatata	tcaagacgaa	acgctataca	420
taacctcaca	actgggctaa	gctagatctc	gatgctcgaa	gaatttattc	caaatcttct	480
ttgacctgca	ctgtattggg	attgaggatg	tgcagttgag	gagacaacct	atgatgggat	540
actngacagc	aggcctacag	acgagaagag	gcgacgactt	gagtttttct	cgccacgtat	600
tctataagta	tctacaattt	aattgtgaaa	cgattcaaag	tccaaaaaa		649

<210> 5706  
 <211> 1074  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5706						
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tcacagctcg	tcattcatct	atcctaacaa	cccgcctcat	ctcaattgac	ggcgggggtcc	120
gctacgatat	gggagacggg	tctgattatc	ccagcccacg	aagcgaaggt	cccggcgggc	180
ctgcaactgt	ccttgtcact	gctgctcaag	aacccttcc	tccagcacca	aaaatgacag	240
accaactgtc	tccgagtttc	atggaaggaa	ctcgtccgcy	actgtcgggtg	agacgggcgc	300

[illegible]

<400>	5707						
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tattcccggt	catagcacc	tcaattgtat	caaagagaca	aagaaatcac	ccactatgca		120
ctcgtctcta	aaccgagcgc	aggcctgtct	cggcttcttt	acaaccgtgg	ccttgttcgt		180
cgccggattt	gctgcgttgg	ctgtcttgtt	atttcccacc	gatgaggcca	aagcagcagt		240
gtcattgaag	gatgtcaaag	ctatcaaagg	acgaccacat	tactattcaa	acaagaaaga		300
agaatacgca	caaatgcgtt	tcgatctgga	cgccgatctc	tcctccctct	tcaactggaa		360
cacaaaacaa	ctcttcgtct	acgtctacgc	ctcctactcc	tcctctgaca	aggaatccac		420
tctcctcccc	cagtccgagt	ccatcatctg	ggataccatc	atctcggccc	cggaatcgcc		480
gtactctctt	aacactctcc	gtgagcgctt	cttcccgtcc	aagtcttctt	cgaaacggac		540
caccggcgcc	agaagtcga	ctaagaagaa	taaaagccgc	cctgggtctt	ttcgtctgaa		600
gaaccaacqq	qctaagtacc	aaatctcqqa	tatcacgggg	aaqatggc			648

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<220>
<221> misc_feature
<222> (1)...(667)
<223> n = A,T,C or G
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<210> 5709
<211> 1448
<212> DNA
<213> Aspergillus oryzae
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<220>  
 <221> misc\_feature  
 <222> (1)...(1448)  
 <223> n = A,T,C or G

<400> 5709  
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 cgtttcttcg tttttgcaact ttactataca accccgcctc taaggctttt cacaaaaaaa 120  
 aaaccgcca aatgggttaac ttcacaatcg aagagattcg gtccctgatg gacaagccga 180  
 agaacatccg taacatgtcc gtcattgctc acgtcgatca cggaaagtcc actctgtccg 240  
 actccttggt tcagcgtgct ggtgtcatcg ccgctgccaa ggctgggtgag gcccgtttca 300  
 tggatactcg tgctgatgag caggagcgtg gtattactat caagtcact gctatcacc 360  
 tgtactccaa gtttgatgac cccgaggatc tcaaggagat cgagcagggt cacgacggca 420  
 acgagttcct gatcaacttg attgactctc ccggtcacgc ttacattctc cgctgaggtc 480  
 actgccgccc ttctgtgtcac cgacgggtgcc ctgggtcggt gtcgactctg tctccggctc 540  
 ttgtgtccag accgagaccg tccttcgcca ggctattgct gagcgtatca agcccgttct 600  
 gatcatcaac aagattgatc gttctatgat ggagcagcag ctccccaagg aggatcttta 660  
 ccagaacttc tgccgtatca tcgagaccgt caacgtcacc atcgctacct acgaagacaa 720  
 ggttctgggt aacgtcatgg ttcacgccga gaagggtacc gttgctttcg gttccgggtct 780  
 ccagggtctg gctttcactg ttccgccagt cgccatcagg tacgctaaga agttccgggtgt 840  
 tgaccgtaag aagatgcttg aacgtctgtg ggggtgacaac ttcttcaatc ccaagaccaa 900  
 gaagtggact accaagagca ctgatgctga tggcaagcct ctggagcgtg ctttcaacca 960  
 attctgcttg gaccccatct acaagatcat cgacgccgtc actaacaaca agagggatca 1020  
 aatcaccact ctctgcgaga agcttgagat caagcttact agcgaggaga aggagtatga 1080  
 tggcaaaactg ctctcaaga ccactcatgcg caagttcttg cctgccgccg atgctatgtt 1140  
 ggaaatgatc tgtatccatc tgccttctcc cgttactgcc cagaagtacc gtgctgagac 1200  
 tctgtacgag ggtcctcacg atgacgaagc cttcaacgcc atcaaggatt gtaaggctgg 1260  
 ttccaaggag gaccccgctc ccctgatgct ctacgtctct aagatgggtgc ccacttccga 1320  
 caagggtcgt ttctatgctt tcggccgtgt ctactcgggt atcgtcagggt ccggtctcca 1380  
 agtccgtatc cagggtccta actacacccc tggcaagaag gangacctgt tcatcaagaa 1440  
 gaatcacg 1448

<210> 5710  
 <211> 1293  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(1293)  
 <223> n = A,T,C or G

<400> 5710  
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 ctgaacacaa ttcaaaatgg gtaaaattct tatgggtctc tatgacgggt gcgagcacgc 120  
 caagcaacag cccggtctct tgggtaccac cgagaatgag ctcggtatga ggaagtgggt 180  
 agaggaacag ggacacactc tcgtcactac ctctgataag gaggggtgaga actccacctt 240  
 cgacaaggaa ctcggtgacg ccgaagtcat catcaccaca ccctccacc ccggtatct 300  
 taccgctgag cgctggcca aggccaaaaa cctcaagatc gcagtcactg ctggtgtcgg 360  
 atcgatcac gttgacctga acgccgcaa caagactaat ggcggtatca ctgtcgctga 420  
 agtaactggc tgtaatgtca cctctgttgc ggaacacggt gtcatgacca tccttactct 480  
 ggtccgtaac tttgtccccg ctcacgagca gatcacccgc ggtgagtggg acgttgccgc 540  
 tgtcgctaag aatgaattcg atttgaagg caaggctcgt ggaaccgttg ctgtcggccg 600  
 tattgggtgag cgtgtccttc gtcgcctcaa gccatttgac tgcaaggagc ttctctacta 660  
 cgactaccag ccccttagtc ccgaggttga gaaggaaatc ggctgccgtc gtgttgacac 720  
 cctcgaggag atgcttgctc agtgtgacgt tgttaccatc aactgcccc tgcacgagaa 780  
 gacccgtggc ttgttcaaca aggacctgat ctccaagatg aagaagggtc catggctcgt 840  
 taacactgcc cgtgggtgta ttgtcggtta ggaggatgt gctgaagctg tcaagtctgg 900  
 ccacttgaga ggctatgggt gtgatgtctg gtatccccag cccgccccca aggaccaccc 960



actccgctac	gtgcagggcc	catggggcgg	tggcaacgcc	atgggttcctc	acatgtcttg	1020
tacctcgatc	gacgcacaga	tccgttacgc	tcaaggcacc	aaggctattc	tcgagagcta	1080
cttctctggc	cgatcatgact	acnagaacga	ggatctcatt	gttcgcggcg	gtgattacgt	1140
tactaaggcc	tacggccaga	ggaacaaggc	ttaggtctct	ccaatcactt	tgtaatgagc	1200
gggttaaaat	gttttcttg	cgcatgcttc	tgggctgaaa	cagccttaag	gagcagggcg	1260
atgtttactt	atgataccta	aaattatatt	gcg			1293

<210> 5711  
 <211> 703  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 5711						
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tagtgatcat	ctctcgattt	ccggatacgg	tatcaagcgg	attacagata	ttgcctggtc	120
tcctgacgga	agtcaacttg	catcagtagc	tttaaattgga	accggttggg	tgtggaatct	180
gactactgag	agtcagctct	cgagttttgg	agataatcac	tgggaatgatg	cagattattc	240
ttctaaagtt	gcctgggtctc	ctgacggaag	ccagcttgca	tcactttcac	atagtaaagt	300
ggttgtatta	gatccggcct	ctggccagtg	catctcaaag	tttctgttc	caaccggtga	360
cctccttcgg	ttcgatagca	tcgaccctaa	ctatctccac	acgacgcttg	gcacattcga	420
tatgagagat	ttgaaacgtg	cctcaagagg	ctccaatgac	tcaaaccatg	taccaaagcc	480
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tgtagccatc	ggctgtgcat	ctggtgctct	tgaaatactt	gaattctcga	cgcctaattcc	660
tctctcagaa	ctttgaatac	atcattcggg	gcattgagtc	cct		703

<210> 5712  
 <211> 678  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5712						
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gcgtgaactt	ccctgagcgg	aacctcgtaa	agaaatcgct	ccagtcattt	ttcggcattg	120
ggaacaatgg	ctcgtcacgc	cttctagccc	gcttccacat	ccaacccacg	tgtaaagtcg	180
gcgaacttgc	aaacaagcaa	gtcctcgaca	tcaacggcgc	cttggccgag	atgaaaatcc	240
gggacgaact	tcgcaacaag	ttccgggttg	gaatcaaagc	cctaaaggga	acgggttatt	300
tccgggggta	cccaaattga	tttggaaacc	ccgttgccgg	cacagggggc	gaaatctaca	360
tcaaaactgg	gttgaaaccc	aaccgcgtgg	gaaaaagggc	tcggctccaa	atacacgggg	420
tgtgtgcact	ttgtggcccc	tcgtgttcta	tatgtggggg	gacaggatat	ggtttaaact	480
cttaaatcct	cgtgaattgt	gaataggtaa	aactttttaa	ccctcgggaa	ggtgtaaaat	540
ctctaaaaaa	ggggttttgc	cccaaaaatg	gcggtgtccc	ccggttttgg	tcccagaggg	600
ttctaagaat	cttcaaaggg	cgtccgcctt	tgtttggggg	gggtggcaac	aagggggggg	660
aaaaaatatt	tttttttg					678

<210> 5713  
 <211> 718  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 5713  
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 ggtggaatta cttcgaacct gatgctcttg gagagcaagt cgccacagac catcgataca 180  
 aatcccgcag cagctgaaca tcacatcgat aataacgaaa acagcagcaa agaccccacc 240  
 aaggcgaagc cgattgagac agcagatcgg gccggagcct ggatcttgac tgtcatgac 300  
 gccgcccgtg cgatcggcgc cgtgggggtg ttaatcaaga cgcaataagg gctcgggtta 360  
 gctttttatt ttcatgtaca gatcgctcgc ctcaaaactgg tcaggtggga catacctttg 420  
 cattcagaaa tagctttcgt acattatggt ttactactat gctttcgttt catcatgaca 480  
 cccgataaat acttaattca gaagatatat caataccctc cttgacccat atttccgagc 540  
 ctaagagagc gcgttaaacc tgagaatcag aaagagaaaag tcaaacttta ctgggccaat 600  
 ttgcgataag tcaatngtat tgtaccctac ccatcaagtg cctgcgcaac ttgtgtccaa 660  
 tccccannan aaccanntaa acaaaaaaca tttctggcgc cggtcgagca tgcattta 718

<210> 5714  
 <211> 1621  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1621)  
 <223> n = A,T,C or G

<400> 5714  
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 gcaacatttg ctctccgcac acctcgagga ggaagacccc acaatctaca atattctcca 240  
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<210> 5715  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
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 <223> n = A,T,C or G

<400> 5715

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gaggaanann	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1020
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<210> 5716

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 5716

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ctcggcgctc	tgtcctccat	ccggcaaaacc	gacgcaccct	ctttcacacg	atactaccag	360
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aagagcattg	aggacgaccc	atgcattaaa	taccagtggt	agctggagag	aaacttgatg	600
gagggaaagt	atgataaagt	gtggagagag	accaagtcgg	agagagtgcc	ttcagaggaa	660
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<210> 5717

<211> 1016

<212> DNA

<213> *Aspergillus oryzae*

<400> 5717

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aaaatgcgtg	ctactttcat	cctcgctgcc	ttcgctgctg	tggccgctgc	ccagacttct	180
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cacaagacac	gcttaatat	cgccgcgcac	atatcaaaact	tgtctttcct	cgaagttaa	960
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<210> 5718

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<400> 5718

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cagcctgcag	cgggctctgg	atggttttct	gttcaagacc	aaaaattggc	tgatcgacaa	660
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<210> 5719

<211> 1186

<212> DNA

<213> *Aspergillus oryzae*

<220>

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<223> n = A,T,C or G

<400> 5719

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<210> 5720  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

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 atgtccagta tcttggaaatg gcgattgtct ggctctatcc ccgccaggct ccatngggcc 660  
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 tccccacttt gcagcccn 738

<210> 5721  
 <211> 841  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5721  
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 aagtgggtgc cgtgatcgag aggtgtggaa aagtatctat catgacttcc ggcggcggcg 660  
 aaaggacatc tgcaaaacttc tgagttatcc ggccctgct tggcctccaa cggagcattc 720  
 tgagtcttcc ggctcaaaag aacctgtata atgcataatt gatagagcgt gatcggcggt 780  
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<210> 5722  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

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ccgttcgagc atctcccat cgttcagcga ttctaccccc cgccgctcga tatcatatgc 180
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atactcccc gaggaaggat cgtctgaggg cgccggccag gccaaaggtag tcatggacga 600
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<210> 5723

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 5723

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<210> 5724

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 5724

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<210> 5725

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 5725

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atcaacactt	acttctccca	acaaaactcc	aacctccacc	ccctttgcat	tgtttctcca	240
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gggatctcat	aattctctcc	gcggtacggc	tggacctgcg	agacggtgac	taacttcaaa	600
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<210> 5726

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 5726

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<210> 5727

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5727

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ccagacagcc	atccatgctg	ctacttccga	tctctgctgg	gcaacacaca	ggcacatggt	180
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agaacgaaaag	aatatcgccg	cagcattggg	cgacaggaac	gcggctctgt	tgcagaatca	360
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gaagtgcctg	tatgcacagt	tattgactga	tgcggcggcg	gcgggacgag	gaggacagac	480
gatcaagggtg	gatgatgccg	atgcgggctt	tacgtataaa	tctgtgggga	cgccttttagc	540
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tttgaatcat	tgagctggct	ttactataca	ggatgcctta	ctgaatgacc	tttcttcttc	660
caagcgctgg	gtaattacct	gcggatgcac	ataggatgaa	actacagtcg	gntccttttc	720
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<210> 5728

<211> 657

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 5728

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cgatcgctca	ttttcagagt	tgaaaggctc	gacgggtcat	gccccgggt	tcgttggtca	180
attcaatgaa	tccgagggtt	tcacacgcct	tgcaattgaa	actgtgggag	aatacacgaa	240
ggtaccgggc	ggatttgatg	ttgttgagg	tcttgagatt	gctaccagct	gtgaagggtg	300
cgcccgatta	agatcgagat	gtgagatggc	caagagagct	ggactctccg	cgaattaat	360
atcctccggg	caggcaacta	gcttggtccc	agaactggtc	aatgacgaca	accaaatagc	420
cctgtacttt	cctgggtgatg	gtgctgcgaa	cgctatcaga	ataactacgt	tttatcacga	480
aaacgcacgg	gctcggnlrg	tcgaactcat	cgaagcagaa	gttaccgaag	tccaacatgc	540
caatggctgc	gtgaatgggtg	tgatgaccac	atcggggtc	atcccgcca	gaagtcatat	600
cgcacgggaa	ttgggcacta	ctttgcagtc	acattcaacc	gatcgactgt	gccatct	657

<210> 5729

<211> 483

<212> DNA

<213> Aspergillus oryzae

<400> 5729

ccaaggggtt	aattgcccc	ccctatgtgt	tcgccggaat	cgtgatgtac	ccaaccgcct	60
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ttattggact	ttccattatg	ggctttgcga	aaggcaatgc	tgccggttac	gtgggcgtat	180
tcttcgctgt	ggccggtgcc	aactccaaca	tcccagcttg	tatggcatat	caagcgaaca	240
atgtccgtgg	tcaatggacc	cgtgcatttt	ctagtgtctac	attggtggga	tttgggtggca	300
tcggaggaat	tgtgagtagc	ttggtcttta	ggtctcagga	tgacactgga	taccgaccgg	360
gcatgtggac	gactattgca	tgcaatctcc	tcatgttagt	cattgtggcc	gcgatgagct	420
tgtggttccg	ccggtcgaac	agagaagcgg	accgggggga	gcgtgtcatc	gaggggtctc	480
cag						483

<210> 5730

<211> 673

<212> DNA

<213> Aspergillus oryzae

<400> 5730

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acacccgaag	aagtaaatgt	tgatgtgtct	tccaagaagc	ccacaaagcc	tgctgtggaa	180
cgtccacca	gctcctgtcc	cgctggaacg	aagtgaacg	gcctcaacta	cttcaagaat	240
aagcctgata	tcgtcgccct	ggaagactct	gaatatccgg	aatggctgtg	gtcgttggtta	300
gatgatgcta	agaagcaatc	gaaatccgaa	ggcggagtgg	atccgagcac	tctgaacaaa	360
aagcaacgca	agcgtatga	gaagaagatg	ctgctcgcgc	cgcaaccctt	ccccctaaga	420
tccctgttca	ccaacacgct	actgatatta	ctcctgcac	gtacaaacgg	ggcgggcaag	480
caactgatga	tcttctggtc	gaaggccgct	gaaagtcttg	gccgcgcctc	cagattacca	540
aaacgccaaa	gaggcacgga	ggaaggcctc	ataaaaggta	actttctccg	cgggttgaaa	600
tttaaggaag	cgtggctggg	gggtgggtgt	ccactctttg	gggttttaac	aggggtattc	660
atggtcaa	at	ggg				673

<210> 5731

<211> 638

<212> DNA

<213> Aspergillus oryzae



<220>  
 <221> misc\_feature  
 <222> (1)...(638)  
 <223> n = A,T,C or G

<400> 5731  
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 atcctttcca gcagggtcaag gttgccagtgc tccttggaag accatggata gaggatttat 120  
 atcgcatacc gagccctcgg ctgagagttg agttcctgcc gggcagcgcc aatgatttag 180  
 caaatgatcc tactacggaa tctttgtact cactgttccg cagctatggg aaactgagag 240  
 acattgaaag gcaaccgtcg gattccaaga tcctaccaag gtacgcctac gtagaatttg 300  
 ctcgccccaa gttcgcgggt atggcgaaaa actgcatgca cggattcaca atcgagaga 360  
 aagaagggtg cgggaaattt ggcacaagggt tgaagattaa ctatgaacgg aagatcaaatt 420  
 tgtcaatgat taaggactgg atcttgagcc atccaagaat agtaatccct gccgtcgctg 480  
 cacttatcgc ggccatcact gtgactgatt ttgaccccat tcgcaccttc tttatcaaga 540  
 tgaagattaa ggcaacgctt catgtccaag agacagtgtt ctgggatgga ttcgaagcag 600  
 gttantagtc caacatcatc ggcttgggtg ttgtggcc 638

<210> 5732  
 <211> 631  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5732  
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 cacctcgtcc ggtgccggga cccctggtgc cgacggatac gatctcttat cgagactgct 180  
 cgagtatgat cccaccaaga ggataactgc gcaggaggca ctggagcatc catattttta 240  
 gaatgggggt cctatctccg ccaactgctt cgagggcttt gaggggaaat atccgcaccg 300  
 tcgtgtcacc caggatgata atgatatccg gtctggaagt ctacctggta ctaagcggag 360  
 cggattaccg gatgatagtt taatgggacg cgctcgaaa cggctcaaag aataacctga 420  
 tccttgctga tactttgaga gcctatctat aatttgagc gggagtagtt gggggcttat 480  
 gggtttgcat atacttcatt tctgacattt tgcattggcg ttggtttggc tgtgatgcac 540  
 agatggcttg gtaaatttta catatctaca gtatataaga aggtaaatat gggaccattt 600  
 ggtaagaatc taccctttta acgctattta t 631

<210> 5733  
 <211> 724  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5733  
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 agactcactt gaacaacaac acaagtacat tcataatgtc tactaccacc acctccgtcg 120  
 ccgccagcgc cactgcctcc tgcaacagcg tgacctactg gcagctcccc gtcgacgatg 180  
 ccgcctgcgc cctccccaag accggcaact actctgatgt catggacaaa tgctgctccc 240  
 cggccaagggt gaccgatthc gacaacggct gcggcctcta ctgtctcgcc cagggccaga 300  
 gcgtcggcga cctcaaggac tgctgcgca agaacggcgc ccaggacggt cgcgagttct 360  
 actgcaaggg caatgatacc gccaccgcca cggcctccgc tccgtcttcc accaagaccg 420  
 gcgacaagac cggtagtgcc actggcagcg gtgcctcctc cacctcctcc gacagcgccg 480  
 cctatgctat ccagcctgct gtttccaagg gcggactcgg tctcttggcc atggtcttct 540  
 gctccgcttt gatgggggtt gttgcctaga tacttttcac ttgggggttg ctacctggga 600  
 agaatgggtg gatctgtcta tatgcttttg tttctttggt gatccgtctt gcgatgcac 660  
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 cggt 724

<210> 5734  
 <211> 693  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5734  
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ttgcagaacc aactccagat gctgagttgt caccagtacg ccggctcatt tgcggaggcg 120  
ctgctggaat tacctcagtc actataactt atcctcttga cattgttcgg acacgtcttt 180  
ctattcaatc agcgtcgttc gcagccctag gtcactgcga tggcagagga aatctaccga 240  
gcacgttcga gaccatgcgc tttatgatta ttactgaggg tgtgtcttta tcgctgttaa 300  
tccgagatga tacctcacgc gacgagtctg gagatactat gcgctatgtc actaccatgc 360  
cacttcgtcg tcccgatctg acatgctacg acagtagtgt tgctaagacg tgtcgatata 420  
ttactacaat acgacatcga taatgtcgcg acatcacgtc ccgtcacgct gacgagacgc 480  
gcgatcacgt tgtcaagctg atctccacgc tgcgtccacg ttatcgagca gcgatcacgc 540  
taccaccacg aggagctatc tcaatcgatc atcatgatcg ccgctgtcat gatctgaaga 600  
tcactactgt cgacaatcac gatcctgacg gccgctgacg tcgaagattc ccagctatcg 660  
acgatcgttc gttatgaaca accttgacgt gcc 693

<210> 5735

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 5735  
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tacgtatggg attgatgtgg caaatgggga acgagtcacg atcaacgatc acgataaccg 120  
acggtactgg gactcatctt cgagcgggtc tcctatcctg gcctcgcgta cttctattct 180  
cgaaactatt cctcttgtga tcgccaactc ccctaagttg acaccgaagt ccactgttgg 240  
cacctttgag tctgtctttt tctccgctcg gtccttcacg gtcaaccacc ccatactctt 300  
tgtcctcatc ctgatcttct cggttggttg cgcgacgtgg ttggcacgag ccagaggccg 360  
gcggtgccggc cgcggtggca ttcttggggg cactaacggc aacaatgggt tctttcacct 420  
tgatgggaaa gaagtctggt gaacggcggc tcaactggna aggttgatta gtcgacggtc 480  
gatgatctcg gaagaacatt tgtacagtta ttatattcat ttttacctct tttccctcat 540  
gaccgttctc ctcttctctc aatccttcgt tcgctcgcgt ttgattcacc tgggtcttta 600  
ttgggtttgt aaagttttaa ctgggttcaa atcttgga 639

<210> 5736

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 5736  
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atcttctggg gttctggcgc acgctgcggc ctttgacggc cggtcggcgc tcgttgaggc 120  
tgcgatgggc atctccagct cctcgaacct cttcatcgcc gatgggagct cggatgtacc 180  
actccagccc gtccctaccg ctctagacca cctcacgtcc cgtctgacta ctctaataa 240  
cattcttgtc ggcccggctc ctgtctcggc ggtcccaaca ataggttccg ctccaccttc 300  
aacaaccgtg tcgacacctc atctcgagaa tctgtcgacc cgcgtgagaa agctaaccgc 360  
cgacaccgaa gctctcgcat ccgcacgcaa gcgcgcgctc gatgccgcta aggctgcgca 420  
aatgctcgc atcgctaccg cagctctcga accctccgac atgtccgtgt cctcctcatc 480  
cgccacagaa gtcgaccccc cagcgactca acgtgatgag caagccacga aggtccaagc 540  
tctctacgcc accttaccia ccattcaatc ccttcacccc attctcccca gcgtcctgga 600  
acgacttngc tccctccgcg ccaatcaagc taggcccggg taagcctttt gaataccttg 660

&lt;210&gt; 5737

&lt;211&gt; 866

&lt;212&gt; DNA

<213> *Aspergillus oryzae*

&lt;400&gt; 5737

taatcccttg	ccttccttct	caacatgtca	gacaaagagg	ataaccctca	aatccctcag	60
caagagaaca	acaaccccc	ggaagagaac	aaccaggggt	cccctcagcc	caaggaggag	120
caggacgttg	agccaaagca	agagtctaac	tctgacgacg	ctgagcctaa	acaagaaccc	180
aagtcggacg	acgagtctaa	acaagacccc	cagcctgact	ctaagccaca	agaaaaagaa	240
ttcaagccc	aagccgaacc	caagcaagag	cctcagtcag	aagctgagcc	cgaacctcaa	300
ccccagcctc	agaaagaaga	acctcggcgg	cgccacgga	gaccccgccc	acagaagtac	360
caacaggact	cggacacaga	gaacatcgac	cgcggcgata	tggataaacac	cgctgttgag	420
aagcctcgtc	gtcagcgccg	ctcacgccc	cagcaacaag	acgggggtcc	cctcggcggc	480
ctcggcggta	tagaccaagc	cggtgacctc	gtacaaaaca	cagccggcaa	tgccgtcaac	540
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ggacaggacg	acagcggcgg	gcaaggacga	aacacttgcg	gttgcgggtg	gacctgaacc	660
tggttatgaa	agtgaactta	aaggctagaa	acaccgggat	ctaacccttg	ggttactcaa	720
cttaaaacgg	atgtgaatgg	cgcctataga	aaaaagattt	tatcccaccg	tggcgggtct	780
tggttaaaaa	ttttgaaacc	caggttggt	ttcaccttcc	tttggtggcg	gcctcctatg	840
gtaccttttt	cctggtgaga	aacgcg				866

&lt;210&gt; 5738

&lt;211&gt; 637

&lt;212&gt; DNA

<213> *Aspergillus oryzae*

&lt;400&gt; 5738

cgatgcgttc	actgcgtttg	aataggtgaa	agttttgaat	catcttgctt	tcacgcacga	60
agccttccac	tgcaaccttg	acaccatctc	gcagacccca	cacatgcagc	tcgaggatct	120
ccaccggtcg	ttcgatatac	ttcttgccca	tttggttcgc	ccagcgatcg	acatatccga	180
cccagcgtag	ctggcttggg	atactcacc	cagggccaaa	cccagaccgc	attctccgtt	240
cggtaaaccg	ctgcaaagca	tcctccatct	tccatcctgc	atgtgtcatc	aagtagctgc	300
acgcgaccgt	tccactccgc	cccttaccag	ccttgacgtg	gaccacggca	actctcttcc	360
gtttctcctg	tgccctcccc	tgagaatcct	tgccatctaa	accatggagc	cagttgtgca	420
tggaccccat	aatcgcgggg	ataagtgcga	atggcggggg	atgggtggcc	gggaatgggt	480
agtgatgtat	tctcccgtag	acagccttgt	cggggtagcc	tgccccctca	gcccgggaact	540
cgaagataca	ccagtcctca	ccatgtttgg	agtcaaggta	ttttactaga	tcgtcgagcg	600
ggtttctgta	ggcacgtttc	gggttagtag	ggggacg			637

&lt;210&gt; 5739

&lt;211&gt; 704

&lt;212&gt; DNA

<213> *Aspergillus oryzae*

&lt;400&gt; 5739

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ctgctcagat	cctgtccacc	aagtagcacc	catctacgag	actttgggag	gtcaagatca	120
aaacccctgc	tggccagcaa	acggactact	ctaaacatct	ggtgcttgcg	actggcatct	180
cgtcccagga	gccttatctg	ccaggcgtgg	cggatagtga	cttctaccaa	ggaaccagtc	240
ttcattcggc	tcagtaccgg	aatgcaaagc	agttggcgga	gacgggagcc	aagtcggtcc	300
tagtagttgg	atctgccaat	actgctttcg	acgttctcga	agactgccac	gccgctggtc	360
tcaagacaac	aatggtcggt	agatctccaa	cctacattgt	cccggtcgag	tacctctgcg	420
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cgtgcgcgtc	atatgtagac	gcccagctcg	ctcgaggtct	gatgaccag	ttcgcagcac	540
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accagacat	ggcattgatg	cacaacttgc	tggagcgagc	gggtggtcac	tacgtggatg	660
tgggtggtac	caagctgctg	gcggatggaa	aggcggggtg	aaag		704

<210> 5740  
 <211> 1304  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1304)  
 <223> n = A,T,C or G

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tattccatca tgggtaaaga cgacgaacct agaacctacc gctacaacga gaagccggtt      180
tacaccaact ccaatggctg tccgggtctc gaccctcagg ccgcgcagcg cgttggccgt      240
aacggccctt tgctacttca ggacttccac ctgattgacc ttctggcaca ctttgaccga      300
gagagaattc cagagcgtgt cgttcatgcc aaggggtgtg gcgcctatgg cgagtctgag      360
gtcactgatg acatcagcga catcactgtc atcgacatgc tcaagaccgt tggcaagaag      420
accaagtgtt tcacccgttt ctgcacgtgc ggtggcgaga agggttctcc cgacagcgt      480
cgtgatcccc gtgggtttcgc catcaagtgc tacactgatg agggtaactg ggactgggtg      540
ttcaacaaca ctcccgtttt ctttctctgt gaccctgcc aagttcccat cttcatccac      600
accagaagc gtaaccccca gaccaacttg aaggatgcc ccatgttctg ggactacctc      660
tccactcacc acgagtcggt tcaccagggt atgcactctc tcagcgatcg cggtaacccc      720
tactcttacc gtcacatgaa cggctactct ggccacacct acaagtggat caagccggac      780
ggcaccttca actacgtcca gatccacctg aagaccgatc agggcaacaa gaccatgaac      840
aacgaggagg ccggtcgttt ggctcttgag aaccccgact ggcacacca ggacctgttc      900
aacgccatcg agcgcggcga aaacccctcc tggaccgtct acgttcagac cctgagccct      960
gagcaggctg agaagtccg ctggaacgtc ttcgatctca ccaaggtctg gccccaggcc     1020
gaggtgcccc tgcgtcgttt cggcaagtgc accctcaaca agaaccccca gaactacttc     1080
gccgaggctg agcaggcggc tttctctctc tcgcacatgg tccctgggtg cgaggcctcc     1140
gccgatcccg tgctgcagtc ccgtctcttc tctaccccg acaccaccg ncaccgtctt     1200
ggcggcaact acgaacagat ccccgtaaac tgtcccatgc gggccttcgc cccctggcag     1260
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<210> 5741  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(663)  
 <223> n = A,T,C or G

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tcacaatgca tttccataaa atcacgctgg gcgccacct ggccgcccct ctgagcctaa      180
ccaccgccct cccaaccacc tcatattcct tccccctcac caccgcgac gacaccagt      240
gccctaccgg aaagtccctt tatcgtgctt acaaaaaaaa cttccgcggc tgctgctcgg      300
tcgacccatg cgatctcgat gacggctgtc cagacaatga caccccaacc tgcacgcggg      360
gcaaaatcta ccagcccaag atgcaaacct acctcctccc ctctcggac ccgatctcca      420
ccccaaacct taacgtctcc aaatccgcca ccgccgaatg ggaccagacg atgacgttct      480
ccgtgcccc aaggagctaa acctgcacgc tgaattgnng tgtgcccgcg gagcgcaact      540
tcaaggccgg caataatgcg ctggtgagag tgtggcangg ggataaggtc gagggggaga      600
gtattggcgc ggcggaactt accaattggc ccggtgtgga ggggtcccat ntgcataacc      660
tgg
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<210> 5742

<211> 665  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

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 aacatctacc ggaagcatga gtccatcact gcttgagaaa caaccctggt ttgatttgaa 180  
 cgactacatg agagaaaagtc aagaaccaac atccgtctct cttatcgtga gtgcgcgtca 240  
 aggtatgacg agaaaagctat acaacaaagc cctaattgctg cccaatcaaa tactacacct 300  
 ctcaggatac atcgaaggac cgtacagatc gcacgtctcc aacatgggca gctatggtag 360  
 cgccgtactc ttctctgctg gtgcaggcat caccaccat atgctgtacg tccgcgacct 420  
 gatcatccgc gcaaccgaag gccgtgtagc caccgaaaaa gtctacctca tctgggtcgt 480  
 gcgtagcaca gagcatctcg cctgggtaca agagtggatg gatgaaatcc tccgcctccc 540  
 cggccgncgt gacatcttga caattaagct cttcgtttcg aaaccaaaga gcagccgtga 600  
 gatagtttca cccagcgcca ctgtccaaat gttccccggg cgggtgtcgcc ctcatgtcgt 660  
 tctgg 665

<210> 5743  
 <211> 680  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5743  
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 gttgggctgc ataactacaa ggcctttctc ctgtttctta tttatacatc gatattctgc 120  
 tgggttgatt tcgcggtggc atcgagttgg atctggaccg aggtactcaa tgatacgagg 180  
 tatatggaca ccattttacc cgtcaatgtg gtccgtgttg cgatacttgg agggattatt 240  
 ggattggtgc tgtcgggatt taccatctgg cacattagtc ttgccgtgag taacctgacc 300  
 acaatcgagt gtttgaaaaa gacgcgctat gtatctccgt tgcggaaaagc gctggatcgt 360  
 cgccgctacg aaaacatact gggtaatggg cacaatggcc atgaaaacga cgaccctgaa 420  
 agtctcgggc atcggettca ggactatggg aatcagatct tggacgcca tgcgaatgcg 480  
 atccccggag tcacacgacc ggaggaggga gaggagcccc ttctgccta ctctcaatcg 540  
 ggtcccgggg gcaactcccg ccaacaggcc ctgtcgcgat catatgcgga cttggagagg 600  
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<210> 5744  
 <211> 550  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(550)  
 <223> n = A,T,C or G

<400> 5744  
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 aaagtatagg tagccaacat gaagctgtac tatatctctg tcatactcat gacatgtctg 120  
 agcactgctc ttgctcaagg aatggacggc ctcccagact gcgcgaaaaga ttgtgccact 180  
 ggctccattc ccaagcagtg ccagactatc gatgttgctt gtatctgcgg tgacaaaagc 240  
 tttatcaata gtatatcttg ttgcgtcgcc aataagtgtc caaaggacca acaagatgcc 300  
 gttctcaaat tcgcaagcca gctctgcagt ggccgctggt taaatgacct ccccaagagt 360  
 gccagctgag ccgagggagg tttgagcgct accgagacat cctccgattc ttctgtctcc 420

agcaagtcga	ctactgcgaa	gagcacggct	acggatgaac	cggctacaac	tacttcnggt	480
tctttctgac	agtctgcac	aacaacccgt	ttccaaatct	ggccacaaca	cttagactta	540
atccacctca						550

<210> 5745  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5745	
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aacacccatc	tcaacctca
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ccaccgaact	aaccgaacta
acatcccccc	gcccccgctc
gcgacagcgc	aaacaccggc
catacgccat	tgagatggga
aggaactggc	gggggttattt
ggagggattg	gtggatgcga
gtggtaggct	gggaatggtt
	gcct
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	684

<210> 5746  
 <211> 657  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(657)  
 <223> n = A,T,C or G

<400> 5746	
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ttagaatagt	tgattattaat
cttgccctgg	gctacactaa
caatatgttg	acccgcttat
cttccctatg	gcatggcgaa
ttcgcatacg	acgggagtaa
ggtcaaccgt	cgcttgggaa
gtcaatggct	gtgtgtatcc
ttgcgagcc	cgggttattt
gtatccnacc	atgcattctnt
cttatcctgt	tggaccttta
	tgacttgtcc
	gacacgcgac
	aggacaatgg
	aaccatt
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	657

<210> 5747  
 <211> 678  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(678)  
 <223> n = A,T,C or G

<400> 5747	
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ccctcctct	ccacctcccc
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	taaacctccc
	cgatccgata
	acacttgctg
	tgtaccccca
	60
	120
	180

ttaccgatgc	ctatcatctc	cggtaggctgc	gcttaatttc	cagcctgtaa	ggtgtccttc	240
ttccaaaacg	tggtctaatgc	ggcttgaatc	ctcaccctcc	tctacctgac	cttttcgctg	300
ttgcgcgcct	gaggtggaaa	aaacgcacca	accatagcct	gccctctctg	gcctcaatct	360
tcaatcctcc	tgtcgtcgtg	cacgcccgc	caatgtcttc	cccatgtcaa	gccctccgtc	420
tgcacagaa	aatacctggg	ctcgaccctt	ggtgacacct	gttgcgtctg	cccaaatga	480
ttgctctgac	gggcctgaac	gccgtgatca	caagcagccg	cggcaccacg	cccgggatca	540
gtcctccac	catggcatcc	anaaaagctcc	ttctccttcc	cgtgctgaat	ccccaccgc	600
tcatcaatgg	gccaaaccgt	cggccggctt	cgggtctaaa	aggccacaac	cgtccccac	660
gaatagctct	cccgcct					678

<210> 5748

<211> 697

<212> DNA

<213> *Aspergillus oryzae*

<400> 5748

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ggcagcgatg	taaaggacat	cagtgtagcc	gaggacaaga	aggaagatgc	acccaagag	120
cctcaacagg	tgccagatga	tccagctatt	ctcgggagca	tgtctcgtcc	aggaccgcgc	180
cctcaaggaa	ttccccctca	atcccagaca	ccacaacaat	cccatgatgc	cccgtccgac	240
gccgcctgta	tattcccatc	cacagtittca	gggaggcttc	gacactccct	atgggcaacg	300
atgttgactg	gacgtgaaat	gacatactgc	gacaacgatc	tcctgcgttg	acaccatag	360
taccgcgaca	tacggcgaga	tttgacatga	ccacagggtca	cctctatgca	tcacaagatg	420
tctcgatctt	gaggatcgtc	gttataatat	gaagtctact	tagataccgc	cacgtacaat	480
actgtgtact	aaccgacgac	gttgatgatg	atcataatct	accatgatga	tgtacatgca	540
tgacgtccgc	gaatttctact	aaggaaacgcg	attaatatct	acaacgttat	ttaaggccta	600
caatcatgct	acgttgtctca	acatcgctcc	acgatgtacc	atgcctgatt	atcgaagtac	660
gtcgtccatc	gacgatgctc	gtatgacaag	cgtaccc			697

<210> 5749

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<400> 5749

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tcattggagt	tgagggtgta	ggcacagcct	tcctgagcca	gcttgcccgt	ctccccaacg	180
cccccaagct	cgtgctcctc	gcccgcctca	ggcaaacctt	ccagtctccg	acaccggcct	240
attccccgcg	catccccgcc	gcatactgga	aaaccgcctg	tgagaccccc	tcctgatca	300
aatcgggtgc	tctctccgct	gacgaaattg	cctgctacct	gtcctctgac	gccggtcggt	360
ccatcctcgt	cgacaacacc	aacgacctca	ccctcgctag	cttctacccc	gtgttgcttc	420
gcaaggccat	ctccattgac	gcccccaaca	aaaaagggtt	cgtctccgac	ctctccctgt	480
ggaaagacat	atgtcctgct	gccacaaagg	gcaacgcccc	tcgtgtacca	ttgagaagcc	540
ccggacgcgc	caagtattcc	ccttgctact	aaaccttcgc	gaacctcata	tcactgggcg	600
agtagggcac	ttgcctaccg	aggtggattt	tttcggctac	acttgcccta	tcttatcgaa	660
tcaccttcga	cccccgatgt	tccgggcctg	attgaggcac	aatgagtgtg	ccataggg	718

<210> 5750

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 5750

gtttatcccc	ataccctaag	tgatactaaa	atcgaatcac	catgaaggct	tatctctgga	60
cggtaggcagc	aaccgccact	ctctcctcgg	ccttattcat	tcccacctcc	caacaagccc	120
taaaagacct	cgacctcaac	aacatagacg	taaaagataa	ggccgccttc	gacgattacc	180
tccttcaact	ctcactattg	gacgccgcat	ccgaaataca	aaacagtcgc	ctagacgaca	240
tcctccccc	gatctttgac	acagtagacg	cagaagacta	cgactacgac	tacttcgacg	300
atgacgacta	tgacgacgca	gaatacttcc	ccttgacat	caccgagctg	cctcccttct	360





ggaccataaa	cacgccccac	tactcgagtc	gatggcttga	gctcacttga	tacctttctct	1140
tcatgtaatg	aactttctcat	gtattctttc	catggacatg	atttagcatt	ttctttttatc	1200
taatggcata	tgtttttcgaa	ananaaaaann	nnnnnnnaaa	aaaaaaaatt	cct	1253

<210> 5753

<211> 593

<212> DNA

<213> *Aspergillus oryzae*

<400> 5753

ccccaaggga	attaccaaat	tttccctttt	caaaagtttt	aaaactttta	acaaaatgct	60
taatccccc	ttataaattg	cccggtttat	taaaaaaaa	cctccctttt	ttttccccc	120
aagggtttcc	ccctcccaaa	actccccct	gtccttaaat	tcaaacctcc	attttaacct	180
cttaaaacct	tcaggcccg	gattgggttc	ccccccctta	ggtcatttta	aattttaaaa	240
aaaaatcccc	cctctatttc	tcttttaaaa	ggcctcccc	gcggtccctt	cccggttggg	300
ttttccccc	ccaaaccctt	atttttatcc	ccttggggta	tttctaacct	catttttttt	360
cccccaaaa	aaaagcccat	attttcttgg	ggaaaaaaa	aatacccttc	ttgaaagaat	420
tccgaaaggc	cccaactact	cttttttttt	gttaaaaaa	ttatttaacc	cccctcccc	480
gcgggggggg	cgcccaaaaa	aagccttttc	ccctactttt	taaaaaatt	aaaatatatt	540
tttccacca	cacacccttc	tccccccga	cgatggaaaa	tattataaca	acg	593

<210> 5754

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 5754

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caatagcagt	tgcaagtgtt	gtaccggtcg	cttccgtagc	aatcattatt	ttagctgctt	120
tatatctctg	gaggaaatgg	aaagcaaaag	aagcagcaga	agaggaacga	aggaaggaag	180
tggaggagta	cgggtttcaat	ccgaataatg	acccaactct	tccacctata	atgggagggtg	240
gtgcttttca	gccaagggat	gatacttcag	gttatcgggg	atgggggacc	acgtcggctg	300
gtcgcaaagc	atccactaat	ctgtcaagtg	gtgctggggg	tggactggcc	atgtccgagg	360
caagaagtgc	ccctggctat	catcatgtca	ctacccccag	cgatgggtact	atttaatat	420
ccgagggccc	ggcaacgggg	gagacaaaac	cgatcggggt	tctaagagct	gctccgattg	480
cttccacca	caaccgaacc	ccagatattc	tttgtgggcc	cgtctaacac	tttcttcgca	540
tattctgccg	ccaaccgctc	ggaaggccta	taagaaaagt	acatgtttgt	taccattctt	600
accgggcctt	ttttttgatg	ataaccatt	cttcattgaa	agcccccccc	acttggggcg	660
gttgtgtgat	ggccccct					677

<210> 5755

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 5755

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cttcttggcc	tacactactg	atgtcctgta	ccattacatg	tttgatacag	atgcgggcta	120
ccaacgcgac	tcggggggccg	ctcagcaatg	gaggcactcg	atggacgctg	tcgcgcaagc	180
tacccttttc	ttgaaacaat	tccccagcct	cctgtcaaga	gtagcattaa	taccgcttcc	240

tatgctgata	tgggtttctca	agcggattca	acccgacgtt	gctggattac	tgggcacaca	300
tcaactgatg	gcaagcattg	tatcaaaaata	catggcatcc	aaacccgaag	aggatcaaga	360
cgaactgata	gcaacgaagg	ctgtcaagcc	cgtacctta	tttcacgcga	tcgaagcgag	420
ctctttacca	cctcacgaga	aagttccac	tcgtctggcg	caggaaggtc	taaccgtcct	480
atgttcaggt	ggcgagacag	gttcacgtct	gcttgcccac	acaatatacc	atgttttga	540
agaatcccga	gattctcgag	aaggttagga	aggaaatcct	tgacgctgcc	agagactcca	600
accacttgct	gacttgaaag	ctcttgagga	tctcccttgc	ttaactgcct	tgtnccaa	658

<210> 5756

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<400> 5756

ttctcagtg	tgtttcactt	ttcctggaat	catgtcgcgc	aaagacgaca	ctgtcacctg	60
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ggcggctgtc	tccaagctgt	cggaggctta	tatcaaccat	gcgaacaccg	tactaaaccg	180
cggcccgcag	gtcgacatcg	ggaacatcgc	cagcatcacc	aactcgctct	atgaaagtgg	240
cttgcctggc	gccctcggcg	gtggtgctcg	cgctactagc	cccggcgcaa	agtccgaggt	300
ggcgagaga	aagaagcgca	agcgcgctcc	cccggacccc	aatgcgcccc	agcgcgcctt	360
gactcctttc	tttctttaca	tgcagcaca	ccgcaccaag	atcagcgagg	aaatgggtcc	420
cagtgcgaag	cccaatgatg	tctctgacga	gggcacccgt	cgctggggcg	agatgcccga	480
ggatgagaag	gagcactgga	agaaaatgta	tgccggacaac	ctcgcaatct	acaaggagaa	540
gatggcggcc	tacaatgctg	gtcttcctta	cactgggtgaa	gcgaaagctg	ccaaccagct	600
tgaaaaggaa	ggcggaccgt	gccggaacca	acccctgctg	gaagagtcgc	aggaggaggg	660
agaaaatgga	acatgaggaa	gaaggaggtg	gacccctt			698

<210> 5757

<211> 564

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (564)

<223> n = A,T,C or G

<400> 5757

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catacaatat	atcttaatat	gacggatatg	actatagatg	gatgatgcaa	cgtcagacgc	120
agcgatcgtc	atcaattcgt	accacagtgg	atgattctgg	tccacctcgg	gcgaagcggc	180
cccgtgctgc	tcaagcctgc	gacagatgca	gactaaagaa	atacaaatgc	gatgaatcat	240
acccttgctc	acactgtaag	aaaagcggca	tcaattgcgt	atatcaaggg	aattaccgac	300
agcgtgaaaa	tgaccgctca	gccagttatg	tttccgactt	agagaagaaa	gtagacgagc	360
tttccgcaaa	gctccgggtg	gctgaatctg	aaattgcttc	ccaacgctct	ccacagtctc	420
agagagaagc	gacagcccct	gaaaccaggc	agatgcccga	ttccattata	aaaagcgaa	480
ccgggttcca	tgccctcgga	tggctcgacc	ccaagagnga	gataccngnt	catacgacaa	540
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<210> 5758

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (719)

<223> n = A,T,C or G

<400> 5758

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cacaatatat	ccatttctcc	ttcctgcca	tctttaactcc	tgctccagcg	gcatcatgtc	180
tgacacgcct	gaaggtattg	ttgaatacgg	ctacgacaat	attacagaat	ggtatctgca	240
gtgggtgaag	agccagaagt	caccacgaga	aagatacacc	aagatgctcc	tagacaagct	300
gcaaccttca	ccctctattc	tagagcttgg	ttgcggggccc	ggagttccta	ttctaagaat	360
gcttcttgat	caaggcgctc	aagtggctgc	caatgatctc	tcatccaagc	agatcgagtt	420
agccaaggcc	cgttgcccgg	aggccaagct	ggttacgggc	agcatgacca	ccctcacttt	480
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gcagctcaag	gccatgctca	ctacgatcta	tgattggttg	aagcccggng	gtgtcttcgt	600
ctttaatctt	gcaactgtcg	atgaagaaga	aatccatggc	gaattcctag	gatatgggat	660
gttctggagc	agctatagtg	tggatcagaa	ccgagcaatg	ttaacagaaa	tcggtattn	719

<210> 5759

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5759

gtgttcatca	aattacatac	tgtcaacggg	gggagcctca	aaatcttcga	gcctctggca	60
ccaacgaagc	atgaggaagc	acttctatgc	tatgagtacg	gtcgaaccgg	actgggagcc	120
aaagtctacg	gattcttcaa	gacacaggat	ggcatactcg	ggagaatcga	tgagttcctg	180
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ctgagaaatg	tgggtggataa	gctggaatcc	ataagaagaa	agaccgggtg	gtgtattcat	480
gacattcagt	ttatgaacgt	catggggaaa	aataaccgga	aggaaggaga	gaacaaaggt	540
accctgaatg	actttgagtt	cctgatgcca	aactaccag	cctttggcat	cgggtggacac	600
tttattgcaa	aatttggtca	atgggttgac	caggagaagc	cggataacaa	attgctggga	660
aatattccta	agaaggaaag	agacactttt	g			691

<210> 5760

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<400> 5760

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tgggatccctc	tagagcggcc	ggcgactact	gaggctgcac	acccgggaat	gatcatcctt	120
gggctggcca	tacgggcccgg	tgcccaacac	tcgctgctca	tacacattcc	cgtcactcgc	180
ttcataacct	gaagaatact	acgacatcgt	ttctaacgat	cacagcttct	gaatctacta	240
ttaatcactt	ccccgctcag	attgggttcg	catatccttc	attcggtcga	cgaccaaaga	300
gacgctagga	ccgtgggcgc	atacgtggat	ccttcaccta	ggggtgaaag	cagaactgaa	360
gacaggaagg	ctgtacggac	atgctctgaa	cgtataagat	tcggctcggc	gctcgatgca	420
tcgattgagt	gacgtgcatt	acgagagcac	atacgagata	gaccgacgat	taacctggga	480
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gcggtggccg	agcgccccag	gcagggtggc	aggagtcaac	gacgacgtag	ctgaatgcgt	600
cgcattgcga	ctatgcgacg	gcacaacgct	accaactcga	cgcgggaacc	tggctgcggc	660
gtaatacatt	gcttactgga	gggcaattgt	tcgcataaaag	ccataccggg	ct	712

<210> 5761

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<400> 5761

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tacaatatct	ctctacgatg	gcacttattc	taagtctcgg	ccatccaagt	cactgggtgc	120
ctcaaccata	atagactctg	aagccctgct	tggatacaca	ttttctgata	aaagtctggc	180

gatagaatca	atgacacacc	catcctgtgt	cggactctac	gggacagcat	cttatcgacg	240
tctatccttt	cttggggccg	gcatcatcga	attggtagtt	gtcagggtact	tacataggca	300
gaagagcttt	accagctcca	aaaggctgca	atctctgaaa	tccgctgtga	ccaacaatat	360
gttccttgca	tctctgtgtc	tcacgttcca	ttgggagaag	caacacgata	ttattgaggt	420
cgatagtatg	ggcgtcccaa	gcgtcattca	gacccgtggc	cgagtagcgc	tttatcattt	480
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cagtcagctc	cacgtcatca	agagggtatc	atgggaaaac	ggaatatatc	cctgggcacg	600
actaagtgtc	tttcgggggc	tcaaagtatt	ctctga			636

<210> 5762

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<400> 5762

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aatcttcaaa	tctcaaacca	cctccttcgc	ctcccgctc	aacgacctcc	ccataacctt	120
cgacttcac	gacgccccct	accccaccac	ccccgcctca	ggaatcgacc	tcttctacga	180
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ctggctcctc	aaccacatcg	ccaaaaacgg	tccctacgac	gccgtcctcg	gcttctccca	300
aggctgctcc	ctagcagacc	taaccctcct	ccttcacgcc	catgaatcgc	ccctcacccc	360
tccacctttc	aaagcagcca	tcttcatctg	cggcgggtga	ccgctccccc	tcctcgaaga	420
actgggggat	accatcactc	cagaaatgag	aacccgggat	acagaagcac	ggaagaaatt	480
atccattcaa	gccgattttg	ctgcgaatct	gggaaaagg	gcggacaaa	tggtgagggg	540
ggtgcatata	tctccaacca	tcacgatatg	ataactcatc	gatgacatcg	cgaaaataat	600
ggcgacagcg	actatccttt	attataccca	ttacaatatc	gaccatgttg	tccacgccc	660
tcttcagggc	gatccttatg	atg				683

<210> 5763

<211> 1306

<212> DNA

<213> *Aspergillus oryzae*

<400> 5763

gccaattact	ataccagtca	gatcatggag	atcctactcc	gagagttctc	ttccccagat	60
gaggagatga	agaaggttgt	tcttaaagta	gtgtctcagt	gcgccagcac	tgatggtgtg	120
acagccggct	acctgaaaga	gcatgttttg	accgacttct	ttaagagctt	ctgggtaagg	180
cgcattggcc	ttgacaggag	gaactaccgc	caagtgtctg	ataccactgt	cgaccttga	240
caaaagggtg	gcgtcgggtg	gacccctcga	cgctcgtca	acaacctgaa	agacgagagc	300
gagccttacc	ggaagatgac	ggtggaaacc	gttgagaaac	tcattgcagc	cctgggagcg	360
gcagatattt	ccgagagggt	ggaggagaga	ctcatcgatg	gtgttctcta	cgccctccag	420
gagcagagca	ttgaggatat	tgtaattctg	aacgggtttg	gaacagcggg	caatgcactt	480
ggtactcggt	gcaagccgta	tcttccacag	atcgtcagta	ccattctttg	gcgattgaac	540
aacaagtcg	ctactgtgct	tcagcaggct	gcagacctga	tttctcgcat	tgcaatgggt	600
atgaagcagt	gtggggagga	tgactaatg	ggtaagcttg	gtattgtact	ctacgagtac	660
ctgggtgaag	aatacccaga	ggtccttgtt	tccattctgg	gtgctctacg	ttccattgtg	720
accgctgtcc	gtattaatca	tatgcaacca	cccattcgag	acttgcttcc	tcgtcttaca	780
cccatactgc	gtaaccgtca	tgaaaaggct	caggaaaaca	ccatcgatct	tgctggtcgt	840
attgcggacc	gcgggtcccg	gtctgtcaat	gctcgcgaat	ggatgcata	ttgattgaag	900
ttgcttgaca	tgttgaaggc	acacaacata	ggtatccgct	gtgcggctga	caacactact	960
agtttcatcg	tcaaggcaat	gggttctcag	gatgttctcg	gaacactgct	taacaacct	1020
agtgtgcaag	agcgtgactc	acgtgttttg	actgctgtgg	ccatgggtat	agtggctgaa	1080
acgtgtgctc	cgttcaactg	gctttcaacg	gtgatgaacg	aatacccgct	acctgtattg	1140
aacgataaaa	actgggttgt	gaacgccatg	tacttttttg	tcgaataact	cggccagatg	1200
gcttaaaact	acttgatgcc	cgtacccccc	tttttaagat	ggctttatat	gttgaaaaca	1260
aattgcgtcg	acagaattcc	gcccactgtt	gtcaaggaca	tttctt		1306

<210> 5764

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 5764

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ccaaaccagg	ccgactcctt	gactaacctg	acttccacag	ttgaggcatc	tatacccgat	120
cccgtccccg	agtccggttc	aggctcagac	tcagaagaac	aatcaggctc	cgacgaagag	180
gatgaggatg	aggatgagga	aaagcaaggg	gaagaggaag	agaaagacag	acccacagac	240
gaagaaagcc	aaaataaaaga	tgccgaccaa	cacgaagaaa	aggaaaagga	aatgggtccag	300
gaaccagaaa	ctcaaaaaaga	cgatatagtc	ccagaaaccg	aagaggagcg	agagcaagaa	360
accacaacc	cagcccaatc	caaccacca	ccaacagaaa	ccctttccaa	acccaaccct	420
gccgaagaag	aaactgagtc	cgacgcggat	gaagaatcag	acggagaaga	agaagaatca	480
gacaatgaat	ccgacaaaaga	aaaccgctct	ctcccgaaac	cagcctcgac	agcaaaagcc	540
aacgtttctt	gtcgcacaag	tctcaaatcc	cccttattcc	aaccgaacc	gccttcagcc	600
agcaacaaac	aaacctctct	taattaacct	ccaacgggtt	ccgaccaacc	ggaataccct	660
caaatccn						668

<210> 5765

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5765

cggcagcagg	gcaactttgc	tccacaaact	atttaccac	caccccaacc	ccaaccacct	60
ccacaaccac	ctcacaacca	ccagtataaa	acacgaccac	tgaccccaca	accgcccaca	120
aacaactgcc	ataacaatta	ccataacaac	caccaccaca	acacaacat	tcaaaatgct	180
cttcaccacc	atcctcgctt	ctactcttgc	cctcagcatg	ggcgtctccg	cagcaccacg	240
acccgctccc	cctgcccaga	cgcggtacgt	gcagctccgc	ctctggggcg	aaccagctg	300
ctcggctctc	aaccagggcg	agctgggagt	ctacggcggc	gccctcaacc	agtgccagac	360
cttcaacaac	aacaccatcg	tcaagtctgt	gcgcttcgaa	gccaaagtatt	ctgacacctg	420
taccgtggct	ctttacgatg	acgtcacctg	cagctccagt	ccccacgaaa	tccagcttga	480
gacttgcttc	tccagtgatg	cgcagtatcg	cagctatctg	gtccagtgcc	ccggtgttcc	540
tgtctaacta	aggggtctgg	acttgcgtgt	gcttctttct	tgtcgcgttg	tgtgaacggt	600
atgaacttga	cgatgatttg	ctgaagggtg	agtctggaga	gtgggttatga	tttattggat	660
atgatcttat	gtacagcgat	gtatagtcta	t			691

<210> 5766

<211> 828

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(828)

<223> n = A,T,C or G

<400> 5766

tgatggcgt	ccaatacggc	cgaggctccg	atccccctct	tctctccctt	ctttttccct	60
cttctcattc	ctcctcggtc	ccctcggtgt	gctctcggac	cagatatcta	gggcaaccag	120
ccactcgcaa	taccggagtt	aagccaccgc	ccctaaaaca	accgccaggc	cgcatcgact	180
ccaactgtca	gctcaacaac	cctctacaac	tcctcaaccg	cctcttaca	cccccaaaa	240
tgctctacaa	caagcccgcg	ggaccacctc	cctcctatcc	cgcccccgct	cacgacgcag	300
ggccctaccc	tcccgaaggc	gcccaggag	actactacaa	ccaaggcgga	tacctctctc	360
agaactacgg	tccaccgccg	cagcagggtc	actacggctc	tccgccaccc	caggggtcaac	420
agcccatgta	ctaccgcgcg	cagcaaggat	acccacagcc	ggggtactac	gccgatgacc	480
gcggcggtgg	cggtatcttcg	ggcggtggta	tttgcgccgg	tatcatggct	gcgctggcct	540

gctgttggtg	tctggatatt	ctgttttaga	gattgcgctt	ttgccttcgt	tttatacgt	600
gcttcgggtt	tgatcggtt	cctttcggtt	tttgcgccg	gaatgggaat	tggtttcggt	660
catggtgtaa	cggagtgtt	tttcttgctt	gttgagctt	gaataggtgt	ctgttgcat	720
tgatgttcg	tggttaatc	atcactggt	ggtatcgta	tcgngatata	ttgcttatgc	780
gtatgtctata	ttatatatca	tggtcatgct	cgctacatac	ataaaaaa		828

<210> 5767  
 <211> 702  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(702)  
 <223> n = A,T,C or G

<400> 5767						
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ccgctatgca	cacgaacaaa	tactgaggac	cgtacaggat	ctgcaccccg	acggccagca	120
gaactggact	ctcaacaggg	aatatcggtg	tgagctggac	ccatgcaagg	ttaacgcaca	180
agctggaatc	tggttacaa	gtgaccacga	gcaaacgcac	gggctgtgtg	actgtatatt	240
gtgcatctta	ccgacacgca	gggggtgaaat	ggtgaactcg	atTTTTggag	gcgagttagt	300
gggaactact	gtgccggaca	ccactcacat	gcgcgctatg	ctctaaagga	agacgtggga	360
ttcagcaatg	ggaacgtggg	catggncttc	ctgagctgcg	atttattgag	cttaacgtat	420
cttgagtcgg	cttcttttgc	gcgttttagg	gcgtaaagaa	gattattctc	taacgaaagg	480
acgagccgag	gatcgacagc	aggggcaaaa	tgagagagca	agcctgaaaa	agaaaaagaa	540
aagggaaaaa	gaaaaaaagg	cggggaagaaa	agggaaaccac	accagagcaa	ttattacact	600
ggtatacgat	gtttttattg	ttggatacct	gttctattat	tcatagacta	tatattacgg	660
agtactctat	aattttttac	atgcttggtt	gactatgtaa	aa		702

<210> 5768  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5768						
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cgcaactctg	ccgatcaatc	cgccaacatc	accaccgagc	tttcccgctg	ccctccgcct	120
cgatcgccac	tcctcattat	actctcggct	ccggatcgcc	atctcttctc	cgcacatcca	180
gctatcctac	accttcgcaa	ccgcaccgta	ctttctcgca	cagctcaaca	acgatggccg	240
cagcaccgaa	atttgcccga	ggcatgaaca	aaggccaatt	gcaaccggag	ctgaactcgt	300
tactggaaca	aggggtggcg	ctggatgagg	atggaatggg	cgtgaagaag	acatactact	360
tcaaaacata	tttcaaggcg	gtgagcttcg	tcaacgtcgt	cgcatcgcaa	agtgcagcca	420
agaaacacca	cccaaccatc	acagtcagaa	tcggctccgt	cgacatccac	tggaaccacg	480
accaaccacg	cgggtctaacc	gataaagatc	tgacaatggc	gcaacactgc	gacgaggcgg	540
cagagttaat	gggctgtgtg	gaaaaggatc	agggcaagaa	atgcggtcct	tcttccccga	600
ctccctcttc	gccgggggta	tagtcgcaaa	cagaatatat	aaaataatca	atcgggtata	660
tgattatcct	gccgtgcat					679

<210> 5769  
 <211> 1092  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1092)  
 <223> n = A,T,C or G

<400> 5769

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gcgccttcgc	cgaaggcttc	ggatacagtg	gtggagccat	acaacgccac	attgtctgtt	180
catcagctgg	tggagcattc	cgacgagaca	ttctgcatcg	ataacgaggc	cctctacgac	240
atctgcatgc	gcaccctgaa	actggcttct	ccttcctatg	gtgaccttaa	ccacctggtc	300
tcggcagtta	tgtctgggtg	taccgtcagt	cttcgattcc	ctggtcaact	caattccgac	360
ctacgaaaa	tggctgtgaa	catggtgccc	ttcccccgcc	ttcatttctt	catggtgggc	420
tttgaccac	tgaccagccg	agggggcccat	tcattccgcg	cagtctccgt	gcctgaattg	480
acccaacaga	tgttcgatcc	cagaaacatg	atggctgctg	ctaatttcca	caacggccgc	540
tttttgactt	gctccgcgat	cttcctgtga	aaagtctcga	cgaaggaggt	cgaagatcaa	600
atgcgtggcg	tccagactaa	gaacagcgga	tacttcggtg	aatggatccc	caacaatatc	660
caaaccacgg	tctgctccgt	gcctcccagg	ggcctgaaga	tggcttcaac	cttcatcggt	720
aattcgacat	ccatccagga	attgtttccag	cgtatcgcca	atcagttctc	tagcatgttc	780
cgctcgcaagg	cattcttgca	ctggtacacc	agcagaggga	tggacgagat	ggaattcacg	840
gaagcggaaa	gcaacatgaa	cgatttggtg	tcggaatacc	agcaatacca	agaagcctct	900
atcgatgatg	aggaggacat	tggagagtat	ggtagaggag	agatcgagga	gcagtagtta	960
tctcgtcact	attcgcgcca	cgcttgggaa	ttgcaagacc	ctccttttat	cttattacat	1020
actttggtaa	tgatagtgc	naagttgctg	ccnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
naaaattcct	tg					1092

<210> 5770  
 <211> 1396  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1396)  
 <223> n = A,T,C or G

<400> 5770						
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cgcagatctt	cccaagcttg	tcagagggtct	taagcgtctg	tccaagtcgg	atccttgtgt	180
tctgaccatg	attaacgagt	ctggagagca	cgttggtgct	ggtgctgggt	agttgcatct	240
tgagatttgc	ttgaaggatc	tcgaggaaga	tcacgccggg	gttccccctc	agatttccga	300
ccctgtttgc	tcttaccgtg	agtccgtctc	tggcaagtcc	agcatgactg	ctctctccaa	360
gtctcccaac	aagcacaacc	gtctctatgt	cactgccgag	ccaattgagg	aagaatgtgc	420
tcttgccatt	gaggccggca	agatcaaccc	ccgtgacgat	ttcaagactc	gtgcccgtct	480
catggctgat	gactatgggt	gggatgtcac	cgtgcccgt	aagatctgga	ccttcgggtc	540
cgacaccacc	ggtgccaact	tgtgtggtga	ccagaccaag	gccgtccagt	accttaacga	600
aatcaaggat	tctgtcgtct	ctgggttcca	gtgggctact	cgtgaggggc	ctggttgcga	660
ggagcccatg	cgtgctgtcc	gcttcaacat	tctcgatgtc	acccttcacg	ctgatgctat	720
ccaccgtggt	gggtggtcaga	tcacccccac	tgtctgctgt	gtcctgtacg	ccgctcagtt	780
gcttgccagac	cccagttctt	tggagcctat	cttcaatggt	gaaatccagg	ttaacgagaa	840
cgctatgggt	ggtatcttac	gtgtccctac	ccgtcgtcgt	ggtcacgttt	acgccgagga	900
gcagagaccc	ggtaccccta	tctacaccat	caaagcctac	ctccctgtca	acgagtcatt	960
cggtttcacc	ggcgacctcc	gcgcggccac	cgggtggtcag	gccttccctc	agtccgtctt	1020
cgaccactgg	gcagttcttc	ctgggtggttc	tctcttgat	gtcaccacta	agcctgggtca	1080
ggtegttaact	gagatgcgta	agcgcaaggg	tctcaaggaa	gtgggttcctg	gatacgagaa	1140
ctactacgac	aagctgtaaa	ctcgttgatt	gcaatactat	tcttatgaga	tcgacgaaca	1200
caatacagtg	tctatgctan	ggccgacacc	cgaaaattca	aaataaagtg	caacagctga	1260
atgtcgtatg	tggatcttcg	accactagaa	gtagaatcca	agagtgcac	tgctattgct	1320
tttcatcatc	tataggtacg	gttacgaaat	gccaaagtttt	ttacatgggt	tcaaaaaaaaa	1380
anaaaaaaaaa	aaaatt					1396

<210> 5771  
 <211> 643  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 5771  
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 tgggtgtccac actacattca atccgcaaca atgctttgct tccggtgcag ggccatgccc 120  
 tccgcctga ggacgtactc ctccccgatg tccatgtcga gatacctcac ccccaaaacc 180  
 tcaacaacaa caccctttcag taccctctcc tcaccactcc gccccatgac caacttcacc 240  
 accaccatcc gtccccaact ccagacccta agcaacacac aacttccctc cgcagccacg 300  
 ccctccgccc aacagacccg ctcttttacc gccagtgtt ccctggccgg taagcgcgcg 360  
 acctacaatc cctcgcgcag ggtgcagaaa cggcgtcacg gattcttggc ccgggtgcgg 420  
 tcgcgtggag gacggatgat cattttgcgg agggggcgaa agggccgcaa gtcgttgagt 480  
 tggtagacgg tctatggggc gtgtctgtta tcgtgtgctg aacggatggg aatgccttga 540  
 ttgtcgggtg ggtatatacc gtcggacaac atgggggggt tgatgatggg tttgttgagc 600  
 tatttgggtt tgggtctttt gtcgncattt gagggcttga ggc 643

<210> 5772  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 5772  
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 cagttgagga cgactgacga cttgaacgac cgcacgattt ttcttttcaa ctacactatt 180  
 taccatattc ttcactgttt ggggtttcat cgacataatc aatcgaccgt ataccctcgt 240  
 ccgacaaaac ccgagtgaac aattccccca tgcccgccgc tgcaatggac gccctgggag 300  
 ccttctccca cctcacggat aatttaccga catggataaa ccgtatgtct gatctgggta 360  
 cccacaccgc cgccaaacat gccgaatatg ccgaggcgta caagaagctc gccgtcacac 420  
 cgggggaaacc gcgtcgtcgc aagaacagct ccgtgtgctc catccggacc gacgagttgc 480  
 ggaatgccgt cacacnaatc gccgcccccg cagaagcacc gacccaaaga gaccccgaga 540  
 cccccacccc gcctcccagg acctgtcgac ccgggaccct aaccgcgcaa agcgtggcac 600  
 ggacgaagcc ccgtccttag cctncgagga gacccctttt gtcatacgcg atacaaacta 660  
 atcatccatt acgaccggga gacn 684

<210> 5773  
 <211> 303  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(303)  
 <223> n = A,T,C or G

<400> 5773  
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 agcaattcgc cgccactatg aacacactga agtacgggaa ccttgtaggt gtagccggcg 180  
 gaaagaagaa gagggtgacg cggtcgaaaag tgaaccagtg aggaccaaaa cctgcatccg 240  
 gaccatctgg aatacagcga agggtgcact attagaacca ttccatttgc gannaanaaa 300  
 ann 303



<210> 5774  
 <211> 656  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5774  
 caaaagcctc accttctctc cgtcccaaac acctccatca tcaccacaga tttcaccttt 60  
 ctaaaccaac tcaaaatgtc cgtcgacgcc ttcttcgaaa acctgagctt cgcccagtct 120  
 ggcgccaaagt tctccgacct ccagtcgaa gctccaaaa tcaacgtcga tcttctcaag 180  
 gaggtgttta aggcgcgtct cgccggcggt gacgacgcca aggtcgatgg cctcttggt 240  
 gatgccctga aggcgggttt cgagttcgcg actaagctgg tcaagaagct gacaaaggag 300  
 cctggtcaga ctgagatgct cactttctac aagtacttca aacaggccag aaacgagacc 360  
 gttgctgagg ccggcatggt cgacttcgtc ggcaaggcca agtacaacgc ctggaaggag 420  
 atcaaggcca tcagcgccca gaaggccag gctttgtaca tccaggcggt taacgaagcc 480  
 atcaacacgt acggcaccag cgaataagtg ttgggcttga tttgtgttga actaaggagg 540  
 aatatgaact tggattttat gggcttggtg acgagttacg aatgatgcta gattactggc 600  
 ttttgctgtc atctacatgc ttctagtgcata tacaagatt ttgcttcatt tgaaaa 656

<210> 5775  
 <211> 579  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = A,T,C or G

<400> 5775  
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 taaacttggc caaaaaggaa cctgttctta aacttggtgc caaaagaacc acaacggccg 180  
 ttaaccctaa aaaggttact gcaaccatta ctagaaaaggc taaaaaggcc aaaaaggcca 240  
 aaaagcttan aacaaccacc agaagaacgt ggcttattac tactaccaga aaagagtgtc 300  
 ggcaacttaa cgcaaacacg cgaaaccttc gcaaagtatc cattagtgtc cccgccgttg 360  
 tcaaccaacc caaggttatc ggcaacacaa actctggtcg tgagaccaag acaagggaca 420  
 accctgctga aaggggccacc aagatgctac caagagcgct ctacgcaatg tctcgcacaa 480  
 catatTTTTG gagcgacatt tccgctttct aaaccgggnt tggngctttt ttaggttgaa 540  
 aattttcccc gggtttaaat tttaaaacac aaaaaaac 579

<210> 5776  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(658)  
 <223> n = A,T,C or G

<400> 5776  
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 ccctcttcgc agctttggca agaggaattt gatcctgctg ctccggcagga ccaacacagc 120  
 tgatgacgac atcgattccc tcgagtgcct ctgtaagaga ttcttcaggg ccttttagat 180  
 cgcattctgcg gatttgcatt ccgcgatctt ggagggaaac gatggcgggc ttctgtaccg 240  
 accggggggcg gacgagggcg tagagttcaa agattggatt ttccagaagt ccatttgcaa 300  
 tcgaaccacc agtttccccc gctgctccga caagcaaaac ctttgttttc gacatggcgt 360  
 ttcgacgggt ggcgagatca gttacgagaa aaaagtgtg gttgtgcgat aattgggttg 420  
 gggggaaact cgaatgattt gggaagttag agaaatcaaa cggagtgcga anatgagcan 480

gggattttcc	gccgactggt	ctctttatatt	ctgtttcaag	attgcctctc	tcccacgcag	540
gattganggt	cagtcgacgt	attagggcca	gcgtccacac	actaccacac	tgctttatca	600
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<210> 5777  
 <211> 1083  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5777						
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ccaggctccc	cgctccggcg	tgtcccgagg	gggtggaagg	ctcagtttga	tgatcgggtat	180
aagcaatggt	tctttgtaaa	tctgctgact	ggcaagtccc	aatgggaatc	ccctcaagga	240
ccggcacaag	aggagctgca	tgcacccgcc	tagcgaagca	cctccctcat	acgaagagtc	300
cgggcctgcg	aaccggtctg	cagtacatgg	tgcaaacgag	aagaaaaacc	tgggttctaa	360
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tgcccagtta	caggctgagg	aagatgcccg	cgctcgtgac	agtagaagcc	cgagacagca	480
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aggtgtaggt	gggtggttga	tcgggggtgc	tttggtggca	gaagctttgg	acgaccatca	900
tgactatgat	gattacggct	caggcgggta	tgatgacttt	gacgggtggc	acttcggcga	960
tttttaaatgt	taccacgttt	ctgcatgata	gccccgtgtg	aactatccgt	cagcgagttc	1020
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tta						1083

<210> 5778  
 <211> 668  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

<400> 5778						
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ctctcggttg	aagtctccgg	agtatccgtc	agtcatagag	tcacgagatt	gaatcgcttt	180
gtctttcgct	tcctcgccctc	cggaccttcg	gatcgagact	acttggtattg	atttcatccc	240
gcacaccccg	cccaccatgc	gagtctcgag	tctttcggtc	ctcttatact	ctttgtccct	300
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gaccaccaag	gctgacccca	caacaacatc	ggaatcagac	tcgtcaactt	ccaacacaga	540
ccccctaaa	accacgggca	aaacagcgac	taagacatcg	gcattaacca	ctagcggacc	600
tacaactgat	agcaacaaca	acaacgacaa	caactcccaa	actacagcag	acaacagctc	660
ganaacta						668

<210> 5779  
 <211> 662  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5779

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ctgagcacca	gggaagtcca	ctttttgaag	tcgaccgtag	acgccttgat	ccatgcgggt	180
gcgaatggac	attgcctaaa	caactacttc	tcgtcgcgga	tgcccaatct	aggatcaact	240
cgcttctca	ccgagctggc	gctctcgaga	ggcggtcccc	tacactacgt	ttcttctaac	300
cgggtgacgt	tactctccgg	cgatgtcgcg	ctccctccgg	ggccaatgtc	ggcattcccc	360
ccgcccagaga	ctggcagcga	tggttttact	gcgtcgaaat	gggccagcga	gcgatatctg	420
ggagaacgtt	gccgatgcga	cggggttaga	tgtgtgcata	caccgacctt	gtgcgctgac	480
aggcgaccaa	gcgcccagcg	aggatgcctt	gaatgcgata	ctgcgggtttt	ctgtgctgat	540
gaaagtcgta	ccacagtttc	ccaatgtaag	aggattcttt	gattttgaaa	aggtgggagt	600
tgtgggaacc	aacattgtga	aagaatgctt	tgcaaattgt	gcaggtaaac	caggggtcat	660
gt						662

<210> 5780

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 5780

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ctcgcccgac	ttctacgtcc	ctgcaagtgc	aaaggatctt	cacgatattg	ccacgagggg	180
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gtcgccatgt	cacctggca	gtgggtggcat	gttcgtccaa	gtggctgggt	cagtagtggc	600
aggaccacag	gcagaagccg	agtagcgta	atcacttggg	ttgtcatcct	ggttggcggt	660
tcaggtttcc	tttgggcccgt	ctacaag				687

<210> 5781

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 5781

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atacctacaa	ctttccctcg	acccccgaaa	acaatgctga	caccttcgag	aaagaccccg	180
aggcagaagc	cgcaccgtca	tggttcactt	ccacctgat	ggcccgcga	ctcctcgctc	240
tctcaaccac	aggcgtagcc	tccaccatct	tctctcacac	acccaaggac	gtccacgtcc	300
cagccgcggt	ggccggcctg	tccatcagcc	agaaagaata	catctcagac	tgcgacgagg	360
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tcgaaaccac	cttcgcgaac	accgctgaag	gctctaacat	cagcatcacc	ctcgactggg	480
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cggagcggcc	gggctccccg	cataggagcc	actgggtccg	catggttgtc	actcacgttt	720
attggattgg	tggtctcggc	ggggttcaac	gcattgggtg	gatgaatgtg	actgaatgga	780
agggtattcg	c					791

<210> 5782

<211> 335

<212> DNA

<213> *Aspergillus oryzae*

<400> 5782

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gcttcggatg	tggaccgtcc	ggaaacgcct	gatggagcaa	tggtagacac	ggtgctcgcc	180
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tatgcattgt	tacgtccctg	cgtcgtcatg	atgtacaata	tagatggcga	gctagtatat	300
atatagtata	gagtgatatc	aactttatct	gtctg			335

<210> 5783  
 <211> 659  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(659)  
 <223> n = A,T,C or G

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catgtttcta	ctgctcttgt
ttcagtcgga	acacgatttg
ataatatctg	gcgcacncc
ggtaatgccca	aatttcttaa
cggaagctg	gcacccctac
tatcgtttca	agatctcgnt
ttttgagctc	cctcgtgggt
caggattgaa	ataaaaaatca
accgcgtatc	aaaatcccca
ctctccccta	aactccaaca
cgctatgata	ccttaaagga
gcgcaactat	ggcctccaac
gtatccagtc	gccatgttag
tgacctatgc	cctcaanact
tgacgtccnc	tgcggtatgg
ttccttctcg	anggcgaaag
gagctatgga	cccactggac
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	gttttagtc
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	360
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<210> 5784  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

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ggcctgacga	acaacacct
ctggtgcgaa	accgaagcat
cgagctctgg	gtgtatctcg
tcccttgag	aaggtcaaaa
agcgacgaga	accatgctgg
caaaggactg	gcaagcggct
cctgggcgg	
tttgcttata	gtaaaaagaa
tgctcgtcac	tttacaacacg
atgggtctaag	tccgtctaaa
cccggtatcg	ttcatcgccg
ggtcaggcgg	cccagggtcag
ccatccctgg	cgcacagccg
ggtgaaatga	cgcacggcct
ggccacgtag	ataaagaaga
caggcggaac	agcagcgcca
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	gattccgcgc
	60
	120
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	300
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	600
	660
	669

<210> 5785  
 <211> 305  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5785	
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gccgcagcga	ttgagcgaat
tgccaggca	gcagacacat
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cttacatcga	aactgaggag	ctctccaacg	cattaagcgc	aagctttgcc	gagcctatga	120
gggaaagcgc	acagttcgct	agcgttggtc	gtagtgttct	acgttaccgg	gtgctgaaac	180
gggtgcagga	agaaatgaca	agggatgagt	tagcgaagaa	aaagaccttg	cttgattctc	240
tggaacggag	cgagttggaa	gcaaagcgta	ttgaacagta	cctgaatcgg	acgtcagctc	300
aaqga						305

<210> 5786

<211> 572

<212> DNA

<213> Aspergillus oryzae

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (572)$ 

<223> n = A, T, C or G

<400> 5786

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ccccctgcgc	gagttatcca	cccgtagatg	agtacgaccg	gagattccct	ccacctcggg	180
gctacagtc	ccgtgctcat	taccgggagc	gttccccaat	tccaatgcgc	cgggattatt	240
atgaccgtga	tggctatgga	cgcggtactc	ctcctcgtcc	tcgtattgat	gattatccac	300
ctccacgtcg	accctatgat	gaccttatg	atgtccgtcc	gccgccgcgc	ccgcctcgg	360
atgaagatcc	ttatatgcc	ccaaggccat	acggacgccc	tcgaagtccc	ccccgggggtg	420
aatatgtg	ctatgaccgc	cgtggttact	gaaaccccc	cgaatatcaa	aggaaggt	480
atgcagatcc	agtctagtca	ctgtctatct	tagcgcgcgc	cacgctttcg	gcgagatgtg	540
tacaatttcc	tttgtgntgg	ccaccgctgc	cn			572

<210> 5787

<211> 1454

&lt;212&gt; DNA

<213> Aspergillus oryzae

<400> 5787

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ggtggtggca	gttcgggaac	atatgccgog	attcgtctta	gggatcaagg	caagaccgtc	180
gctgtcgttg	aacgcaacaa	ctatctcggc	ggtcacggcg	aaacctacta	caccgaagat	240
aatacgccctc	tgaacttcgg	tgtagaggga	tttttcaaca	cgaccgtgac	tcggaactat	300
cttgaacgac	ttcaggtgcc	ctatggggcg	cgcgaccctc	ctcccgcgca	cgaggactac	360
gtgaacctca	acacagggga	aagaacagaa	tacactccag	gccagcttca	ggacagggag	420
gcattcgcga	aatgggtcga	cgcactctct	cagttcgggt	tcttagatga	ggcgctctac	480
cgaatcccag	agccggtgcc	agaggacctc	atcagtcctg	tcgcggactt	cgtgaagaag	540
taccatctcg	aggatgccgt	gtacgctctc	ttctctcaca	catctggcga	tgtcctggaa	600
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tactcgacct	tgtgttgggg	gtatacggat	gaaggctctg	atcagatggc	ttcttcctaa	1380
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<210> 5788  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(658)  
 <223> n = A,T,C or G

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 atatcttgat caatggtttg tccgtcgtaa aggcctcgcg tatgggatta tgtgggctgc 180  
 caaaagcatc tgcggtgtag tcctcccttt tctagccagc gcctgtcttg aacgttttgg 240  
 agcgagaacc accttgagag cctggacagt cactacggtc agtaccatct tcacgcacaa 300  
 tctatntaat ggcaagacaa ttgccgaaac acgcatatcc tcgcaatgcc tctatcccca 360  
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 ataagtttat acaccagca taaagccacg catatatttc caactccagg caaccagcag 540  
 gccctaatgc tttnggctcg ttgaaaacat accccacatt ctttcagcgc ttgggcgcgc 600  
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<210> 5789  
 <211> 589  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5789  
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 tcgccctagt ttcggttggc cccatataag cctgctgatg gcattaagaa taagcggctc 180  
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 gcattattca cgttgctcct ctatatcggt tatttccatt gatcttctgc cctttacctc 300  
 tacgccaatg gatggaagct ccagaccact accccaaacc gcgcagcgta aacgtcgacg 360  
 cccagtctta gcctgcgatc gatgtcggag acgaaagatt cgggtgcgacc gtaaggtccc 420  
 ctgcagtcac tgtcttagga ccgggtatgc cagcacatgt acatacctgg ccaactcgaa 480  
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<210> 5790  
 <211> 620  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5790  
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 gcattcccatt cccaccttaa ggaccaacac cgatgtcctc atccgcataa cccacgtgtc 180  
 cctacacccc ggcaacaaca taatgatgaa tctcgctcca tccatctttc gaaacacacc 240  
 ttgcattgca gaaacagact tctcgggact gatcatctca gccggcaaag gagtcccagt 300  
 gacccccagc ccagacaatg agcaccggtg cttcccggcc ggaacgcccg tattcggatc 360  
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 catgaattgc atagcccgca aaccagccaa tgtctcattc gcgcatgctg cgggtttacc 480  
 cgtttcgggc acaactgccc taacactcat ggatgcggcg gatatccgtc ccgctgatcg 540  
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<210> 5791  
 <211> 704

<212> DNA  
<213> *Aspergillus oryzae*

<400> 5791  
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 ccccagggat actacctcc cccgggcggc caatatcctc ctccccagcc catgcagtac 180  
 cagcaacccc caccocagga ggagaagaag gaccgtgggt gtctgaccgc ctgtttgatg 240  
 gccatgtgct gttgtttcct gtgtgaggag acctgcgaat gctgtattga gtgtgtcgag 300  
 tgcttggttt gtgggtgtta gcgatggaat ctggttttta attgtcattc ttttgttttc 360  
 ttacgcgaat attttcgacg tgatgggttt atgtttacct tcttaatgct ctgcagcttt 420  
 ctttatttac ctatacattt ccatgttacc aatatattga tcatgtgact ttagactggg 480  
 tccttttctt tggatgact aatcgagaa tccttttcgt tgatgaaaat agtgggttagg 540  
 tctagttcgt gtgctcattg atcgctgttg tcgttagttg aactgccgtc tttcatattt 600  
 gcatcgaggt tatatgatct ttgttgca ga ccacgtgat gtctatagtc actatattgc 660  
 taacgatggt aatcgtcgat agcgtcccta gttcatgaca agcg 704

<210> 5792  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

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 agaataaacc tgggggttaa gtgggcataa ttcagacact gactcagcga gtggagtcgt 180  
 tagaggetca attggaagca ctaagcgccc agaatcaggc tgtagtggt attccaagtc 240  
 ctgcaagcac cgttcaggat gtgaacgcgc tccgaaactt ggtttcatec ctgatggagg 300  
 agtggcgaga gaataacacg cccccaatg atgctccaga ccaacgtctt aactccctc 360  
 cggatcgaga tgtcaagat tccacaacgt cggcttcagg tctgagacc tcgcggaaaa 420  
 ggccatgtcc agaccccggt agctctgttg attacacaag tcaagtggan ctgcctccag 480  
 ataagcta atcaatgggatt ctggatgcat atttttcggt cgttcacccg ttcaccccaa 540  
 tcgtccatga gccaatattt caatctcgcc tgcgtgatcc agctgaaagg ctgaagctaa 600  
 ttcccttact gcatgccaa atggttaagtt tccttagggt acgttgccaa ccaatcgaat 660  
 ttgctgcaaa atg 673

<210> 5793  
 <211> 1292  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1292)  
 <223> n = A,T,C or G

<400> 5793  
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 tgcaccagga aatcaactca caccgcggaa ttctctagga ccttaaagac ttcgcacgtg 180  
 gagcgggtct tgatgtcgtt tactcgaaa ccggccgtga acctggcaga gggttcgttg 240  
 aatttgagac tgcgaacgat ctgaagactg ccattgagaa gctcgatggg cgtgatttca 300  
 aaggctcccg agtgagttgc gtggcagata tccagcctgt tgatgagcgc cctttccgtg 360  
 atccttaccg gtctcggtcc cctcgccgga gttatccacc cgtagatgag tacgaccgga 420  
 gattccctcc acctcggggc tacagtcgcc gtgctcatta ccggggagcgt tccccaattc 480

caatgcgcgcg	ggattattat	gaccgtgatg	gctatggacg	ccgtactcct	cctcgtcctc	540
gtattgatga	ttatccacct	ccacgtcgac	cctatgatga	cccttatgat	gtccgtccgc	600
cgccgcgcgc	gcctcgggtat	gaagatccct	atatgccacc	aaggccatac	ggacgcctc	660
gaagtccccc	ccgggggtgaa	tatgtgccct	atgaccgcgc	tggttactgg	taaataacctg	720
tttcctgtga	tttggttgtc	ttgaatgcat	ggcggatacc	catgtgcttt	gtgtttattc	780
cccccttttc	tcttgtgttc	ctttgtgttt	gcttgattcc	actttccctc	gctttccaaa	840
aggaatcggg	tgtgatccaa	gcccaccctc	atttcccgga	atggacgcac	cgaagatgcg	900
acgtgcctgt	tgtcgaaaaa	tttccgttta	ttgcttgaca	tgaggacaat	ttctgaggcc	960
cttgagcact	tactagaaac	ccccccgaaa	atcaaaggaa	aaggatatgcg	acgacagtct	1020
agtcactgtc	tatcttagcg	cgccgcacgc	tttcgtcgag	atgtggtaca	ttttcctggt	1080
ggttgggcan	cgcttgcccc	ggtgttgtgg	atagggcccg	cttttcgttc	ttgcacatac	1140
agaattccct	gatatgatat	gacatggacc	catttacgac	gatattgtac	ggtgaccaag	1200
caagtctatc	gcttgtttac	tctacnngga	gggtctggat	gtatattaat	taggattact	1260
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<210> 5794

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(679)

<223> n = A,T,C or G

<400> 5794

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cgcagttgga	cgcttccaag	gatttcctca	cgcacttcat	aacattcgaa	tcagcttcta	180
catccgctgc	gactgaggct	attgaagact	tacatgattg	tgcggttgac	tgcacgcat	240
gcgtactgag	gtattgaact	tttactggta	tcatagctgg	ttccatgagt	gatggagtcc	300
accagagagt	gatcatggcg	aaagctgcgc	tagccaatac	tgtagtatat	gcagatgctc	360
cacgatgtgg	cagatcacta	gcgcattaca	tatcttaatt	gagcttgatg	nactatctac	420
cttcgagaaa	tcccttccgg	aggacacaga	ccttaagctt	gttgaatccg	tgcagaagaa	480
tacaaaagcg	tatgtttgat	gttctctcac	aggctgccga	tgtgtcatg	cncaaggaaa	540
ccaaggagat	cacattccaag	gatgatgtac	ttgatgttat	catgtcacag	cgtgaaaagc	600
ggaacgaggc	catgactatg	tgcattggnag	gcgacatgga	cccaacggca	gcggcctcga	660
tcttcccccc	tgagttaac					679

<210> 5795

<211> 847

<212> DNA

<213> *Aspergillus oryzae*

<400> 5795

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ctcgagaaag	ctgcttctat	ccctgaacca	tctgtcgata	tccgacaatt	catggccttt	120
ccaccagagg	acattgcca	ttctgatgac	aacaagggtgc	cagctctgtt	gatctacgcc	180
ctgaatatat	tctcgaaatc	tttaatctcg	tctctgatca	cggaagcctc	tatcaatccc	240
ggccacgcag	agccagtcgg	catcgtagct	gcgcagatct	tctccacgga	cgcctttatc	300
tataaaggtc	atcatatggt	tgacatactc	tgggccaaat	atcgtgtcgt	ctgtccggcg	360
ctctggggat	tctacggcaa	cgaaaagacc	gaagccggta	ggcgtgcctt	aggatggtgg	420
cgagaagcac	caggagggtcc	tttcatcagt	gaacagggtcc	atatggaccg	aatgacagct	480
cttgggtgctg	ggttttgcggc	gctcacccctg	cgcaattttg	gaaagacccc	acggaagaat	540
ccatttccca	accacatggt	ttggcttgcg	atgcacaaaa	ttttgatgat	tcccccgagc	600
gagattcagg	agacacacgt	tatcctgctt	tgcggccatgc	tcaaattctt	tgctgaaagg	660
atcgtcggct	tcttttggtca	tatcggctcg	gcattaatga	ggaaggccat	agtcgatgta	720
ccaagcagcg	tgcctcgtca	gagtatgggc	gttaatcaac	tgaaacttct	gaaagacctc	780
tacaagcgag	agaagaacat	aattatctga	gagatctgtg	gccggaaaca	gttctctgtag	840
gtgcagc						847



[illegible]

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<210> 5797
<211> 1041
<212> DNA
<213> Aspergillus oryzae
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<210> 5798
<211> 688
<212> DNA
<213> Aspergillus oryzae
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[illegible]



[illegible]

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<220>
<221> misc_feature
<222> (1)...(688)
<223> n = A,T,C or G
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<210> 5803
<211> 693
<212> DNA
<213> Aspergillus oryzae
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<210> 5804
<211> 1050
<212> DNA
<213> Aspergillus oryzae
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<221> misc\_feature  
 <222> (1)...(1050)  
 <223> n = A,T,C or G

<400> 5804  
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 tacattccctc tctggacacc ttgggtgttg tctcgatgtc gacatcaggg ctggtcttgg 120  
 cctctgtgct ggcggtgggtg ttgtcgctga cctggccgcg gatgttaagg ctgccctgaa 180  
 ggcttggtctc tctggctcgg agtgcacctt gagccattcg ttgaaggctc ctgttctggc 240  
 ctgggttgag ggtaaggctc aaaccgggtg tgtctccatt ggctctgttc cttctggtgg 300  
 tttggcgact atctccgctg gtgctgctat tggcagcctc attgaagagt ctggaattct 360  
 ggtegccagt gctctagctt cctctctctg cttcctcgag gccgacattg ctgctgacct 420  
 tgaggctcag atcctcaccg cctcaaggc ttgtgctaag ggtggcctcg ccgctgacct 480  
 cagcggtgaa gtccgtaacc ctttggtctat ctggctctct ggctccagct gccgtcttgg 540  
 tgccgaactc aagtctgttg ttctattctg gcttaccttc gctgtttctg ccgatgttgc 600  
 gggtgatgtg agcggtgggtc ttctcactga tatcacctcc ttctcaccg gaactgtcga 660  
 cacccttatc ggcaaaaacc tccgtggcgt gatctctgtt ctcactctct gcgagagcct 720  
 tgtctccatc tccctcgacg ctctgctca gctcgctgcc gtctgcggtg gtgctgctgg 780  
 tattgagatt gacacccaga ttatctctgt cattattcag tggctctctg gctgcgacac 840  
 cggtctgtgc gccacatcc gccccctac ttccggctcc gttgttctta gcattccgcg 900  
 ttctacgctt gttgcctcta cccctgctgc ctcaacgccc cttgtgccga ctctgtccc 960  
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 ggtgtaccct ncgtgtcaac tncggctctg 1050

<210> 5805  
 <211> 636  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5805  
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 cgaactccctc ttctagtttt aaccatctgt gcattgcgcc tgatgtatgc acgctcgaga 180  
 gtccctttctc gccggtctga tatggcacga gtcccgaac tagtagccac cacgctcgat 240  
 cgccttgcca cacaagccgc tttgcatgcc cgtggcgaag cccgtgaacc ttatattcca 300  
 attggacaac tgcgcgacga cgtccttcca tccgaattgc gtggcagtcg acgtgaagaa 360  
 ctatggcgac gggttcgcag tgtcgttgaa gggaatgcc aatttcgagc tgccgtgcga 420  
 gacggtcgtg gtggtgacgt tgcctcgcgt tgggaatgga ttggcggcat cggcagtggt 480  
 cgtggagaca ttgaatgatc cgcgacacgg ccgcgcgaca gcagcaacct gcatttgcgt 540  
 ggctcacctc atgaacaaag ccgtcagttg atggccagcc atgcccattc tccagattca 600  
 gcagaagctc gtcgatggga cgaagggagg cctatt 636

<210> 5806  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5806  
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 ccaccaaagt cgcatgctcc cggaggatcg taccggtgcg agctcaccca acctgcagga 120  
 gaaccagcaa caggctcaga ccccgccggc cgggtggcagc gccagtgtctg tttctatgat 180  
 ggctacggga ggcaccaccg ccggcgctgg ttagcttgcg gcattgacgg atcaactgac 240  
 taccctgat ggacgacctc tctttgtctc actaagcacc ctctcgagca gaaagctgtt 300  
 tccgtacat cagtactact ttacttcgat actagcagat attgacttca tcaagctcta 360  
 gattgctgta cctcatgta ctgtatagat tacactatct ttacagcat catcctcttc 420  
 cgcgacctca cgtcctgtac tgacgcgatt ctatacatta ggtaactcga tgtttcctgt 480  
 atacgtcata ctgttcacgt tatcacgact tctgtcttac cacttcacgt ttgtatgaaa 540  
 gacctatgtc acgcatggc tgtgatatca cgcaagatac ttgcgtcttc atctcatata 600  
 catgacgagc agacttctat atgatcatta tcttactctc atcatcatgt atccccctcc 660  
 ctcgacc 667

<210> 5807  
 <211> 630  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 5807  
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 cagctcccac tagagcaggt tgataacgcg actgcacccc tcagtgtctc cccaacgctg 120  
 catctgatca acctcaacac cttgactctc gactccccgg ccttatcctc ggacatccag 180  
 tcccatagct acgcctacat taacgatctg atctctcatc gattgtaccc cgtggaagac 240  
 cgcacgacat ttactctcct tctgaccacac ctccccctac acaagaagga gggatatatgt 300  
 accgacgggt cttactttcac attccatgaa tcagacgacg aggatggccc cgacgatgtg 360  
 ccgcgcttca aggaaggagg attgaaagaa caaaaccatc tcagcgacca catcagcagc 420  
 agcggagtgc tccagaggat ttcggcatga caggagacga aagcggcccc gcggagggaag 480  
 agacnngatg actcattcta caggcacgac acacaggggtg aacgtgggca cttgtgaacc 540  
 gactatagat acacaccgcg agactcgaac acgagttgaa tggaccanaa cctcgatacg 600  
 ctgcgatact tacgccgcat taagagtatn 630

<210> 5808  
 <211> 640  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5808  
 gcggttttat ggacgatttt gttttagtgc tctattgcca tataagcggc ttacttgctc 60  
 taaacctgtg ctccggtagt tttgcggcga cggttttcgg agcatgagtc tctcacacac 120  
 ctgatctagt ggatattagt taattaggaa tcacctacct tcaaacctag agtgcgctgt 180  
 atccatgtca cagccatggg attacatcgc taagctagtt tgaattgggtg actctggaac 240  
 tggaaagtct aacttgacta ttccgctttg cgaaggacgc ttttcatctt tccacgatgt 300  
 gaactattgg tgtggagtgt ggatcgcgta ttgttccaac tggaccacct gcttcacagg 360  
 cccttaattt aaaattaaac accaactctc acaaccgttc ggttcgctgc cagttacttc 420  
 agaatacctt aatgaaccca gtcgtttcgg gtttacctaa ccttcaccga aaaagggtgg 480  
 atctctaaaa agaaggaggt atcactatgg ggaaccgcag ggcggggaaac gtcaaaccct 540  
 tccaccggtt ttttttaaag gggctctggg gcttggttgt gtgcaatttt actaaaccat 600  
 ttacgttatc ttccagcccc taaaggactc ggatgggttg 640

<210> 5809  
 <211> 977  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(977)  
 <223> n = A,T,C or G

<400> 5809  
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 gtttaattttc tcgagtttta ttatcgcttc agcgtctttg ttattttcaa accgtcaaga 120  
 tgaagctcaa cctcattgct ctgacttctc tggtcgcctt gaccgcggcc cagtcgactg 180  
 actctacgct ggactctgcc accggcacca ctgttgctcc ttccggcgact gtcagcttgt 240  
 ctctcaaca gtctgcgct aagaagtgcg acgcaaccga tctgtgctgc attgctggat 300  
 gcttcgaggt cccctgcccc aacgattctc aggctaacga caccaacact tgcgtcgccg 360  
 cctgccccca gggcagtggc accccatctg acactgagcg ctacgcgcgc tgccagagct 420

[illegible]

<211> 760

<212> DNA

<213> Aspergillus oryzae

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (760)$ 

<223> n = A, T, C or G

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ccggnctgag	gcgagctcca	ctatccatta	tttaggacac	ccttctatga	tgggcctaca	120
cagtatagcc	agaagcatcc	tcaatggttg	cgcgtaaagc	cccacgaacc	taggaaatga	180
ttgaagatcc	tagtaaacgg	cctcggcctg	ccatgcgctc	caaagatgga	tgctttacct	240
gccgtcgccg	caagaagaaa	tgtgatgagc	gtcatcccac	ctgcacaggg	tgccatcgaa	300
atcatctcac	ctgccaattg	ccaacgacgg	aagtggccgt	cgcgcatgga	cgctcgcgcc	360
gacgtcaagt	tctctcggag	atgacaattc	cgcctgagct	agcagcgatg	gtgacggtct	420
tcgcagttcc	cagcccaagc	ctggttcgcc	ggcttctaga	ccattttgcg	aaacatggcc	480
ctatgtggct	aacttccagg	atgggtaatc	gacgaactgc	gatcctctct	catatttttc	540
cggagcccatg	gnaagcccc	ttatcctoca	ctgtgtgctc	atgatcgag	cgaagatta	600
ctgaagatga	attcgaacgt	ggaattacaa	gcttcnccag	ttgaatacta	ccgtcgagct	660
atttcggggc	tgggtgaggc	tctcaatgga	aaagcatctg	caaattgaac	aactttgata	720
atactcttta	qcaatttgct	aattcttctc	ttaacaatcc			760

<211> 657

<212> DNA

<213> Aspergillus oryzae

cgaagggtttt	tccccgttta	tattgacata	actctatggc	acgttcatcc	gcagacggac	60
tgaataactt	gtccaacgct	ctcgcacac	ccgaacaact	ctccaattca	tcgtcagcta	120
tcgatggcgt	tgctccagaa	ctagaagcat	ctattcgatt	tgccggcact	caactcacc	180
aagctgctgg	ggtattgctt	cgattgtcgc	aagatattat	cgcgcaggcc	attgtgacat	240
ttaccgggtt	ctggataggt	gctgaaggcg	ggagccttcg	attttactct	gtcaaggatg	300
tctctgctgc	agctctatat	atgacggcca	agctatcctt	ccagcctaca	tcaccacggt	360
cggatttgaa	tgttttacaac	ttccttgat	cgaaggacgc	ttctcctttg	tggttcacat	420
acccgaaggg	ggtatcggag	aagcctctcc	ctgagacata	ctgtctctcc	gaggggggct	480
accagagcca	gcgaatgggt	ctgctccgaa	ccgaatcgat	aattttgcgc	acactgggct	540
tcaatagcca	tgttgccctg	cccatacga	tcgcgttaac	ctaccttcag	acccttgggtg	600
tatcgccttc	tqctgttgcg	caaagggtgt	ttgagcatct	gaacgcgaact	cttctat	657

<211> 696

<212> DNA

<213> Aspergillus oryzae

 $\langle 220 \rangle$

[illegible]

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<211> 760
<212> DNA
<213> Aspergillus oryzae
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aaatttatgct	ctttcatatc	ggtgcacgga	ggttatcctt	cagtattgtc	gaccagacat		180
ggatatgtca	acactggaat	ctagccacgg	cttccttggt	tattcagtagc	tgcactggcc		240
ggaacatgca	aacttagctc	aaacagaatt	tactggttca	aaggagattg	agcaattttt		300
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ctctgagggt	gatttgggca	ctgggatctc	ggtcattcat	gttgcagctc	gctgggggat		420
tatcccatta	ctctcgtgct	ttcaagatga	gctggaagaa	aaagatacgc	gtggcagaac		480
ccctttgctc	actgccgctc	aacactctca	acttgaagcc	gtaaaacttt	tagttgaatc		540
tggagcgtct	gtgaatgctc	tagatgacaa	ttgtcggaac	gcactccatc	tgatctgcaa		600
aaatagccga	gacaatgact	gcgaactggc	cgacttcttg	cttaaaagcc	gggtctgcca		660
atatcgctgt	gacannagat	atatgacgcc	tttgctttat	gccatnngga	actcagatcc		720
agaaacttga	caagttgtcc	tttcagaatg	gatnccaggg				760

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<210> 5814
<211> 1418
<212> DNA
<213> Aspergillus oryzae
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caacaatgac	ggcattcgcg	atatccccgg	tattattctc	tcccttgact	atatcaccag		180
cttgggggta	gacgtaattt	ggatctcccc	aatgtatgac	agtcgccagt	acgacatggg		240
gtatgatgtc	tccgattatg	agagcgtcta	cccaccatac	ggcacagtcc	aggacatgga		300
agttctcatc	gacgagtgcc	accgctcgtg	gctgcgcatt	attctggacc	tagtcgtcaa		360
tcacacctcg	cacgagcaca	agtggttcaa	ggaatcgcg	tcataaaaag	caagcccca		420
gcgggattgg	tatatctgga	agcctgcaaa	atacgacgcc	aatggaaacc	ggaagccacc		480
caacaactgg	cgcagtatct	tcggcggcag	tgcttgggaa	tgggacgaag	gaagcgaaga		540
atatactctc	catttgtttt	gcaaggagca	gccagacctc	aactgggaga	accaagagac		600
ccgtcgtgcg	atctacgact	cggcgatgga	gttttggctg	cagaaggggtg	tcgatggatt		660

ccgtgtggac	acggtcaaca	tgtacagcaa	gcacctgag	tacccgatg	cgctgttat	720
cgatcccaag	tcggagactc	aaatgtcgcc	ggcattgttc	tgtaatggac	ctcgatttca	780
tgaatacctc	agtgaatga	acgaggtgct	tgcaagtat	gacgctatga	cggtgggaga	840
gctgccgaac	acgcacactg	tcgatggcat	tctgcggtat	gtgtcagcgg	cgcagaacca	900
gctcaacatg	gtctttcagt	tcgatatcgt	cgatctcgga	caaggaaaagg	attataaatt	960
cttgactacg	ctgccgggct	ggacctgcc	ggaaactcaag	accgctgtca	agggtactca	1020
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gatgcttgca	atgatgcagg	gcacgttgct	aggcactcaa	ttcatctacc	aaggccagga	1200
aattggcatg	gtcaatgcgc	cagagagctg	gaccatcgac	gaatataaag	acgtcgacag	1260
cacaaactac	taccaaattg	tgcaagaat	ttccaataac	gacccgctgg	agctggagac	1320
tgcatgaag	tactccagc	gtttcgcgag	agacatgcc	cggcttcca	tgcagtggag	1380
ctctgagact	catggtggat	tctcctcctc	agaaaaga			1418

<210> 5815

<211> 1323

<212> DNA

<213> *Aspergillus oryzae*

<400> 5815

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tcgccaatgt	ccgacctgag	tccggagaag	tgtacctgac	ggacacctgg	tccgacatcg	120
agaagcacta	tcacacggac	tccgtggaatg	acgtcggcac	taatgtctac	ggatgcatca	180
agcagctgtt	cttgctcaaa	cagcagaata	gacaactgaa	agttttgctg	tctatcggtg	240
gatggaccta	ctcgcccaat	tttgcccagc	cggcaagcac	ggaagccgga	cgcactaggt	300
tcgctgaaac	tgccacgagg	ctgggtgttg	accttgggtct	tgatggtttt	gatatcgatt	360
gggaatatcc	caaggatgat	aacgaggcat	ataattttgt	actgcttttg	cagaagtgcc	420
gtgaaaccct	agacagggca	gccggcccac	agcgggaagt	ctatttgacc	attgcttgcc	480
cagcaggtaa	ggaacattac	tcaaagctcc	ggcttcgtga	gatgacaccc	tatctggact	540
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caaatatcta	tctttctcct	gacagacctg	gctcgacacc	attttcgaca	gtcgacgcac	660
ttacatatta	tgagacggcg	ggtctcgtgc	cgcgctctaa	gatagttggt	ggtatgccta	720
tctatggacg	tgctttttacc	aataccgatg	gccctggggac	cagtttctct	ggcgtggcg	780
aaggaagctg	ggagaacggg	gtttgggact	acaaggcact	tcacaaacca	ggtgcaacgg	840
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aacttgttgg	aatgtggtgg	aagccaaccg	gtgccaaaga	agccaagatt	gccaccaaag	1020
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atgttcttgc	cgtggtcttc	aatgcacata	tatatacttt	acgcatcggt	agatttagat	1260
ccaagctatg	ggacgagtg	ttcgaatttt	taaaaaaaaa	aaaaattcat	acgaaaaatt	1320
cct						1323

<210> 5816

<211> 624

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 5816

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ccatctcagt	tccccatgcg	gtgctcacgt	tgaatgctga	acatgacaaa	agtcgacgac	180
gtcacgatga	tgattcccta	ttatgatcgt	ttcgtgggtt	agccactcca	acgggacttg	240
gctggtctgc	tattctctat	atcctatcga	atccggagtc	ttatcattca	acgaaaaacat	300



acatccaatc	tcgcgggctc	tttcaacggt	ttcggattht	gaccaggcag	gaatgcgcac	360
tacgtattct	tcgtctcgga	gggcgaatgt	gtttggagg	gtttggagg	gtcgtggaag	420
aagttgatgg	tcacgtttct	tatgtactat	ttgttttcat	tccacaggcc	ctttgggttc	480
cgtatgggat	ctgggtcaatc	actcttctta	gggcttggtc	tgtagcttac	agttcctgtg	540
caagttctga	gccatggaga	ggtcacgcag	gatttatcac	aaattaaaaa	gtttgcaatg	600
aaagcaatga	ctgaaaaana	aaaa				624

<210> 5817

<211> 578

<212> DNA

<213> *Aspergillus oryzae*

<400> 5817

caaaaaaaaa	ggcccccttca	aaagggccca	aaaaagcctt	ttttaaaccg	agaccaaaaa	60
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ttcccccttt	gcccaaaccg	gggttttttc	cccccccaa	aaggtaaacc	cctttggggt	180
ttttaaaccc	cgatttcaaa	ccggggggca	accattggg	aaaccccccc	caattcctta	240
ccccccgggc	ccaaggggatc	tttacccttc	gggaattctt	gaccccttcc	ccgggaaata	300
aaaaaaacct	tgggcggttg	cccttttggg	cctccccag	aaatttacc	cgaacccct	360
tggccgtttt	taaaaggacc	tttggccgtt	tccccttccc	cggaatgggg	ctttttgggt	420
tttggaacaa	ccatttttaa	ccccccccct	ttattttagg	gttggccttt	tagcccgggg	480
gcccgggcaa	aaacccccct	tggggaaaaa	gggtttcccc	aaaacacttg	ggttaaggaa	540
ccctggggaa	accgaaaggg	taaaaaacgg	gggatacc			578

<210> 5818

<211> 459

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 5818

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atgtggccct	cagcaacagc	acacacacgc	tcaagctctt	tggaaagacg	gtatcagggtg	180
gccgggttgc	agccctgatc	aagatggcat	tctccagcaa	gaccggtgtc	acgacgaaga	240
ttaccgtgcy	ggcggaggaa	gaagcgtcgc	accggctgtg	attgcatccc	tttcctaagg	300
ttgtaaattg	taaatggtaa	tggaggaggt	tgtcatgtca	ggaggcgtag	cctgcaacga	360
gtcctgcatt	atgagatcgg	acttggtttg	tttgttcttt	tcccaatttt	tgataatcca	420
aatgtcaagc	tagatatgat	ggcttttttt	tcttcttan			459

<210> 5819

<211> 634

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 5819

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ctctgttgat	tcagcaacag	catgtctcga	ctgtctagag	aaagtgggtcc	catcggcgac	180
tgagaggacg	gatgtctccc	aagaaaagca	gcaagagtcg	ggctcgacag	attccgtggt	240
ggagataaca	tgtgatgatg	aagaggcaga	acaagaagag	ctcaagcggt	tgcagaagggt	300

[illegible]

<211> 694

<213> *Aspergillus oryzae*

<210> 5821

<211> 577

<212> DNA

<213> *Aspergillus oryzae*

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (577)$ 

<223> n = A, T, C or G

ntcggggggg	aaccgttttt	tttattttaaa	cccaaaccac	taaccacaaa	aggtttggaa	60
aataattatt	acccccaaaa	aatccctat	attgggaaac	ctttattcca	aacccccaaa	120
acctactagc	tcttttcaaa	cttaaattgt	tcccaatcac	ccccccaat	gaaatacccc	180
aatatataat	acttttcccc	attttcaaaa	cccaaaatcc	ctaagataaa	ccccccaatc	240
cgggttgaaa	caccccccat	ataaacttgt	gaaccggagg	acaatttggt	cttatccccg	300
tggacacaa	ccccatttct	gttcccaccc	ccaaaaaatt	taacccccct	aatacgcaac	360
ccgatgtttt	tcttaaccca	agaaaaaaat	tttctttttac	catccccggg	agggggcgca	420
aaaaataatt	cgataacaaa	tttatgaacc	ctcaaaaata	tcccctcgac	catattaaag	480
aaaaaaaaatg	atcttatcaa	ataacgacct	ctcaccatcg	cactaaactc	caacaatatc	540
aaattggtgc	ccccctccac	ctttgtcaaa	cacacct			577

<210> 5822

<211> 688

<212> DNA

<213> Aspergillus oryzae

ccccagacca	cttcactcac	cacctcacag	gctcgctcaa	ccacaaccaa	aatggggtatc	60
ttcgactacg	acttctctcta	ctcccaactc	ttcatcagac	ccgcctaccc	gacaacatca	120
ttcaccaacc	aaacaatcat	aatcaccggc	tccaacgtcg	gcctcggcct	agaagcagcc	180
agacactttc	cgcgcctcgg	tgcagcgaaa	gtcatccttg	ccgtccgcaa	ccgctccgcc	240
ggcgaagaag	cccgccaatc	catcgagaga	tccaccggga	ccaccggcat	ctgcgaagta	300
tgggaatctag	acctggcatc	cccgaaatcg	gtgctcgcat	tcgcaaagaa	agtagccgag	360

ctcccacgtc	tggatgtatt	catcgccaat	gcctcgatag	caaccggtac	ctttcaactg	420
gcagagggcc	atgagcggac	tataacagtg	aatgtgatta	ataccattct	attggaattg	480
ttgggtgttc	cgacgttgcg	gaagagtgcc	aggttacatc	ctggtacgaa	gcctcggttg	540
acgacggttg	ttagttaggt	gcatgcctgg	gctaagtttg	cggagcggag	cgccgagaat	600
gtgtttaagg	ctttggatga	taaagagcag	gcgaaacatg	ccgagaggta	tgagttgtcg	660
aagctgttgc	aggtactctt	gttgcgcg				688

<210> 5823

<211> 1095

<212> DNA

<213> *Aspergillus oryzae*

<400> 5823

taattctatc	tctcccatct	ataactccaa	gccaaaccca	ggcggttcgtc	actgagatct	60
ctcccacttc	ttagttcaat	ccttcgaagg	aaaccaaacc	cccattttaca	tcatccatct	120
ctcccccta	ctctactcca	agcagcccaa	aatggaagga	ctatacttcg	actccagtcg	180
acctataaag	catgtcgaca	gaaaggcaat	ctacaccgcg	ctcgaagccc	gcatcaacta	240
tctccaggac	ttcctggact	tcaattccgc	tgacgtcgaa	gccctgacaa	ccggctccaa	300
gtacatcaaa	gctctcatcc	ccgcgcgtcg	caacatcgtc	tacaagaagc	tcctggaaca	360
ggatatcacg	gcccgggctt	tccacacacg	ggatactagc	gacgagagac	cgatcgagga	420
gttctacaat	gaggagagtc	cgcagatcat	gcgcgggaag	atgttcctcc	ggtggtactt	480
gaccaagctc	tgctcggatc	ccacgcagac	ggacttcttg	cggtatctga	ataaagtggg	540
tatgatgcac	gccgcacagg	aacgcatgca	ccccctcaac	atcgaatata	ttcacatggg	600
cgctgcctg	ggcttcatcc	aagacatttt	caccgaagcg	ctgatgtcac	acccgcgtct	660
gcagctgcag	cgcaaggttg	ccctgggtccg	cgccatcggc	aaaatcatct	ggatccagaa	720
cgacctcatc	gccaaatggc	ggatccgcga	cggcgaagaa	tacgccgaag	agatgtcgca	780
aatgaccttg	gacgagcgag	agggatttct	cggcgacaag	aagatactgg	gcgacaacag	840
cagcacattc	ggccactcga	acgacgaaga	acgcttcaat	gtgcacaaca	accccagtat	900
agcaccacac	attgggcccc	tcacgatctc	ggcgggggtc	tttcgcgata	ttggcatgga	960
caaattggcg	gcggcgacat	tgagaactaa	aaactgggct	ggggaagaaa	ttgaaccaca	1020
cttttgggtt	ctgggcgcga	aaactatatg	tgagaaacaa	atttttacgc	ccccccgcag	1080
gggagacctt	tcggg					1095

<210> 5824

<211> 735

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 5824

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cctcatcgcg	ctcagtagct	cgtatgatca	tcaccggccg	tctggcggcc	gctccggagc	180
tgcaggccac	ctcatccggt	caagatgtta	tcagatacac	cgttgctacc	tcgaccgggg	240
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tgcgggactg	ggaagattct	gagggcaaga	agcagaccac	cctgaacatt	gttcaacgga	420
acctcgaggt	cctcaagcgc	ccgcacaact	ctaacgaaac	tgagtctgcc	taagcttcgt	480
ccgccgaaca	aaagcctgca	caaggagaaa	tacatattag	cttgatgggc	gggtatccag	540
agattagagg	ctttctgtga	tcccttgtag	gttttatcgg	tgaacgttga	atgggccata	600
tgtgttctaa	ttggattttg	gatcatacgg	cttctgtatg	gtagtttgtg	tacaagtata	660
cccttgata	ctagcgctct	tttagcataa	aannannnnn	nnnnnnnnnn	nnnnattcct	720
ggggccggtc	gagct					735

<210> 5825

<211> 574

Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

<213> Aspergillus oryzae

<221> misc feature

<223> n = A, T, C or G

cgaggaactc	ttttcgtgcg	tccctcgttc	attcgccaaa	ccaaccatgc	acctccctac	60
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cccattgcac	cgtcgccagg	aaccgggtac	gcctgaatac	gattgccatg	caaactgcgg	180
gggggtaatt	gttgctgctc	gtaaagacgg	ctactgcgat	accgacactt	tcaaaactga	240
gttatctgac	tgtctcaact	gcgccctcaa	gtacgacatc	tgggaagtatt	acggcgcgctc	300
cgtttccaag	gccgctactg	gatgtgggtg	ggaagccacc	cctgtcgaag	cgtcctccac	360
tacgactact	gcagctgcta	gcgccagcgc	tactgaaacc	ggaagcccaa	tcacctcatc	420
cgcgtcgtcc	acttcgactg	acaccgcctgc	aaccacgggt	gtaacgtctg	ctgcttctag	480
tgtctgtccc	agctctagcg	gtcggcgctag	ctcgacacc	gcggnctcta	ccgttgcttt	540
ctctgcgaca	cctttcccaq	aattcgactq	gtgq			574

<211> 1198

<213> Aspergillus oryzae

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gaaagagtaa	aggcacttga	agagaagggtg	caacgcctgg	aaagtgtctt	tgccgaaaag	120
gaggtgtctt	tggcggagaa	ggatgccgct	atagccgcta	aggatgccga	gcacgagacg	180
aaagctaaag	aacgtataga	gaaattgaag	gagactttca	acaacaagat	ggctgaagtc	240
aggacggccc	accgacaaga	gatagaaaaag	ttgaggacta	atcaacaggc	cgcatcacia	300
ccgcaagaac	ctggaacccc	tgtgtcgaaa	ccaaaccagg	cccccgcaac	tcctgcaaag	360
acggaaggag	aactaccgca	actcacccgat	gagcaagcta	aagcactggg	tgctaaagaac	420
caaacattc	ggggcattta	ttcgaaacaat	tatccgaacc	atgctgtctt	aagaaaagaa	480
agaaaacggg	ggcctcacc	ttcggcgggt	gtgaaccaag	aaaaccttgg	cttccatggt	540
gcaaaagttc	aatgaggaga	aggaagccat	caagaaggct	cacgaggaag	gtgttgaaga	600
gagaatcaaa	tcagccgtcg	agctatctga	taagaaaacg	ttggtcaaga	tcagtatgct	660
tgatacacgg	tgtagaaatg	cgcaggcgaa	gatcgacgtt	gttcagaagg	cggccaccga	720
gactctcag	aagcctgttg	ttgaggtgtg	ggaaatagcg	aagacaacta	aggctccgcc	780
tcaaacccaa	aagcttgcat	cggtgcac	gcccgcacaa	gtagcgtgac	cagcgcccg	840
gccaaacact	acgccaacac	caacggcagg	agtggtagcg	accccatcac	cgggtccagc	900
accgacacca	gtgcccactc	cagcgctgtg	caaccagcag	caaggcccag	cagcaaccgg	960
ctctgtatcg	acggccactc	aagccaaggg	acctgcccc	gccgaaattc	atggcccagg	1020
aaatgtacg	caaaagccat	gaacaggtac	caccaccac	aaagtaccga	aggccacga	1080
ccaccagcg	cgaatgcgc	tgtgaatccc	tttgacaaa	gcagaataaa	cagcctacat	1140
cggtagcaag	taaacctcct	gctggcgcta	acagtgggag	gtttaaagct	ctcccccg	1198

<211> 694

<213> Aspergillus oryzae

ctatacattt	attccggtcc	ctaccgagta	cattctttat	ttcacgtcac	tctttacctt	60
cggggagaaa	gtctaccaac	gatataaaac	aaaaatccaa	cctttaattt	catattcgcc	120
gttctttgga	cagaaaattt	aacaaataaa	caaaatgctt	ttctccgctg	ctgctgtttt	180
cgccgctgtg	gccgctgggt	ttgtcgctga	ggaagtgcgc	actgttattg	ttaccgaaac	240
cgccacttac	tgccctaagt	ccaccgatgc	catcggtgtt	tctcccacac	agtctatcag	300
catccctgct	ggctaccacca	ccactgctcc	tctcatcacc	tcgacagtga	ctgagtgcac	360
caagtgtctc	agcacgcccc	ctcctgctgg	cactcccact	ggcgtaacc	ctgttgccag	420

ctctaccccc	agctctcccc	ttattcccgt	cgttccaagc	gttcccggcg	tccccagcag	480
ctccaaggct	actcctagca	gcagctccat	catcaagcgc	cccagcagca	gcagcatcgt	540
catctcctcc	accctctgt	cctcgacccc	tctggctcac	cccaccaagc	ctgcttccac	600
caacgctcct	cctgctcctt	ctgcttcgg	tccctctgat	ggctctcccc	accggettcg	660
ctaccacccc	cgctgtccct	ctcttcacta	gcgg			694

<210> 5828

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 5828

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ccagacttct	tctgctgttg	agagtccctc	cgatgtcgag	accacccggc	ttgctgagac	180
tggcagtgcc	actgccactg	ccactgccac	tggcggcgct	gagacccggc	ctactgtcat	240
tcccaccgtc	acctctcagc	ccgtgatccc	ctctggaacg	gctactgaag	cccctactac	300
ccccaccggc	agcgggtgcc	agtctccgg	tgctgtgacc	ggctccagct	ctgctgggtc	360
ctctaccctc	gttaccgaat	ccagcagcgc	tgccctccag	acctctgagg	gcgctgccgt	420
ccccatggcc	actgccggtc	ctctcggtct	cattgccggg	gctgccatcg	ctgctctcct	480
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tcaagcatta	gtgtgctccc	caagcggact	tgtgctttat	ggaccttccc	cctccgacta	600
tcccagctac	cggggatagc	gggacgaaaa	gagatgatgc	atacggatac	tgaagttcat	660
tttcatac						668

<210> 5829

<211> 618

<212> DNA

<213> *Aspergillus oryzae*

<400> 5829

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gacgataaga	gccttctctt	ctgcctcgac	gagggcctca	atggaccgaa	cggcacatta	180
acttctcttc	aagttaggtc	cgatgggtcg	ctgtctaaag	ttcatcagtt	gcagactgta	240
ctcggggccc	ttcaatcaca	cctttatact	gcgggagatc	gcacattctt	tgcggtggcc	300
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cgccagacct	tcacatatata	gctggacggg	cctgggtacg	atcccagacc	gcaggatgca	420
ccacaccccc	acgggtgtagt	ccttgacccc	acaggtcaat	tcattctggg	tcctgattta	480
tgagccgacc	tcgtacgcat	cttccgcata	aacccttcat	cggggttggt	ggagccgcag	540
acacctttgg	ctgggtgtctc	caggatctgg	cccagacac	ggtacattct	ggacgcccac	600
aggcgcacgt	ctcggctg					618

<210> 5830

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 5830

ttccccatct	tccccagctg	gtgccgtcgc	gccgggtgagg	ccgtcgagga	cttcaagcag	60
cacatgctca	acatgttcaa	tacagagaaa	acgctcctcg	accagggcaa	accaggcacc	120
ggcacgctga	tgtcgtcctt	cgttcgcgaa	tccaccgtcg	atcccagag	caataagact	180
gttcttaccg	tcgacgaaat	cctgggcaat	atctacgtga	tcaacttcgc	tggccacgat	240
acaacagccg	gctcccttac	ctacgtccta	ttcttgcttg	ccgcctacce	caatatccag	300
gaatggatcg	cagaggagat	ccgcaccgtc	ttccccaacc	ccgaccgcga	cacatgggat	360

tacaaggaag	ctttcccccg	actaaagcgg	tgcctcgcag	tagtcctcga	aaccgtccgt	420
ctctaccccc	ccatcctggc	tttaccctaa	tccgtcgcgc	cgcaatcaac	cagcctccgc	480
ctcccagaaa	gcaaccgcac	catcgtcctc	cccaagggaa	cgctcgtcct	ccccagcctc	540
ctcgcgcgtc	aaacacaccc	gaaatactgg	cccgcgcgagc	ccaccacctg	gaatccccgt	600
cgctggatcg	aaactttctaa	cccaaccgcac	gccaccacca	gcacaccgga	agaccacctc	660
gcaggcgaag	aa					672

<210> 5831  
 <211> 1513  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5831						
tagtttgttt	ggagacacct	gtgcactggt	tgcattgggt	tagttgtttt	gttcaattca	60
ttctactata	ccttaataat	catctttcta	tacttgcccc	ttcacctctt	tgatatcaaa	120
aaaacaaaaa	tcatactcaa	atccccctaa	cagacgcgct	gtgctctcta	ataccctaat	180
ttccattatc	cacgtcttga	ttttgacagt	tcaactttgt	cgctggtcga	cgtctccatt	240
cagcagctca	caaccttgct	cagccttggt	cattttatcg	ccgaggcttt	ttactatctt	300
tttctaattt	tcgtgtcgtg	gactggatcc	gcgcagcaata	ctggttgata	ccgcagtcaa	360
ccaaccaaca	aaccaacacg	gacttgattg	aatcggtctc	ggtagtcttt	cgactcaagt	420
cttataatctt	ctgcatcgaa	tactgtggaa	gagtgccttc	atctttgact	tcgcacgat	480
aacctataca	ttcaccgtga	atattattaa	tcttttagtct	aactacgtca	atcactcaaa	540
atgtccgctg	tgcaactcaa	gttcaactctt	cggacttcgt	ccaatgtcaa	gactgtccac	600
ctgcttggtt	cttgggacaa	ctactcccgc	cagatccccc	tctccaggga	tgagggcaag	660
cccggttcat	gggttgga	gttccgcttc	cagacctcca	tgcttaagct	cggcgccgc	720
tactggtact	attacatcat	ggatggatac	cacgtctccc	atgatccgc	cgttgagtac	780
accattgagc	caaccaccgg	ccgcaagctg	aacatcctcg	atgttcccg	aggtagcaag	840
aaatccagct	cttctgcccc	gaagcccaga	aggacctccg	atgaggctcg	gaagggccgt	900
gctccgtccc	cgtcgaagat	ccatcatccc	aagccctcca	agccctacgc	ctcccgccaa	960
atccgggaga	ccgacttcgc	tcctaccatg	gaggacctct	ccatgcgctt	tcggggatcc	1020
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tcttctcggt	cttctcggtc	ctctggcagc	acctctccct	catcgctgtc	ttccatgagt	1140
gaccagcta	gcgtctgccg	ctgcgagcgc	tatggcatca	ctcggaagg	cgaccgcgtc	1200
aagctcgact	gcggtggtag	tcgttggtgc	tatgtcaccg	agtcgtctga	ggctagctgc	1260
tccgagtcgc	acagtgcga	ggagtaccgc	cgggcccgc	ggggtgttcg	tcgccagggt	1320
attgttgtgc	gtcggtaaat	catgcacttc	gtggaatctt	ttacttcgtc	aattttacgg	1380
agatgggttg	accccatccg	tcaagcaatg	tcaatcaacg	tggcagtgtta	cagccatgcc	1440
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aaaaaaagaa	aag					1513

<210> 5832  
 <211> 175  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5832						
cgatgcatat	cgtcgcgcgt	taaccatgga	ggaccaccct	cgacctcgag	tacacaaggc	60
atgcgacgcg	tgccgacgaa	ggaaagtctg	ctgcaatggc	cagcaacgat	gccagcaatg	120
tgagcacatg	ggcctagtct	gcacatacac	cgataatcga	ctcgcgcgat	cacgg	175

<210> 5833  
 <211> 651  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(651)  
 <223> n = A,T,C or G

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<400> 5833
gacgatcaga aggatgggcg tccggaaccc aaggatgacg cggaactgac tggttaacctt      60
gagtgtaaaa tctgcatgag ccaacttggt gatactgttc tcattccttg tggacatgcg      120
atcctctgtc gctgggtgtg tgagcagcat gcgcggccgg atcgggtctcg accaaaggca      180
gcgggtgctat gcccgccttg ccgcactcct gtgaagcaga agctccgcat ctatctctcc      240
taatcccact actacaatgg aggataccat gtgtgggtga atctacgatt tacgaccgtt      300
atgtagtgca tctcgagcct ctcccttgctt tcttggtctt ctctgacttc gttcgcttat      360
tcttgcccat tgtcccatat tttggactaa ctggggcggt gatcgcatTA tttggagtag      420
aggttccagc gaacgactat caactatTTT ggtcacatga tcttcgccag tgcagattgg      480
cactgagaca acaacttcca taatgagaca gactagtTTA cgggttccag aatggttctt      540
agacactacc cgtatctacg gtagacatgt tttgcaattg catgaatatc tcttggtttn      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn n              651

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<210> 5834

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(681)

<223> n = A,T,C or G

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<400> 5834
cctgcgcgcc gacgccgaga cccacgaaag atcttttttc ccgactccgc ctccgactct      60
aattcatata actctcccct ccatacctaca tccgggaacg ccaacgttat aataggcgcc      120
actcagagac ttaatcaatc actggctcga tcagcgggtg tggctggcct aggcctccca      180
actgctgcgc gaagctcagc tcccgcgaact cccgcgggtg gcaccgctca ttttcaccaa      240
cgacaacgtg aatcatcagc tggcgctgtg gagaacaagc gacggcgctc aaacccttca      300
ctagggacgc taccagcagc atcgtcgaat ctccgacaat cctctctagg tcccggcaca      360
cccaaaggag gtacaccagc ttctaagtcgt gctggcagtg ccgggccacg ctcatcaagc      420
acaactaaaa aagccttgac caagaagggt gcacctcatc aacaattgaa aaagatcaag      480
gcatcatctg gattgaatgg canatcaact aaacggtctt ctacgctag tggccgtatc      540
aaacttacta caaagaaatc gccttcgcgc ccgggcggcg atgaagacga agatgattcg      600
atgctcagta acgccgatgt cctcgactct gagaacaaca ccgatggccc gcgcggaaga      660
tgatgaccat ggaaaagaag a              681

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<210> 5835

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5835
ccacggtata tccagcgctc tcatcccacc cccaacaacc aaaacgctac tcgacctagt      60
ccccacaaaa ttcagcacct tcgacctcgc catcctcaaa accaacctca ccataccoga      120
aaacacaggc aaagacaccg ggaaaggcca cacgatcttt gccccctcca acacagcctt      180
cagcaaaactc ggcctcaaaa tcaacgcggt cctgttctcg ccctatggcc agaaatacct      240
cctcgctctt ctcaagtatc atattgttcc ggatcggacg ctgtactcgg atgtgattta      300
cacggaggag ggcgagatcc ggcggttttg ggtcaagggg ttcacgcatt tggatctgcc      360
gacgttggtt ggggatagga ggttgagtgt tgatgtggcg cggtttgggc cgaatgcttc      420
gttgaagggt aatgggtttc agcgggtggc ggttgcggat gccttggggc gggatggaaa      480
tgtgcacatt gtogaacagg tcttgggtcc gccgaaaaaa gtggtggagg gggcgaccga      540
atgcgaagag tggaacgagg agatgaaggt ggaggggctg aacgaacagg ttgccccggg      600
ggtgggtgga gatcccgatt aatatatgac aggggaatgg agttgagggc ccatgccttc      660
caatttgtat cgggaggacg accctcg              687

```

<210> 5836

<211> 724

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 5836  
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 gagttccata ttctgggacca cctgaaggac ggctgagatct ccgtgcggca caccgtcatc 120  
 gaggaacggcg aattccaaga cccaacaat cgtagaaaat cgatccatga agacgtgatc 180  
 gacgagatcg tgatcccttc cgacggcatt ggctgaaatct gtgcccacgg acgtagaggc 240  
 agtgaagggtc gtctggacct gttccatggc aacgacaaga tttgcgaact gcattggggac 300  
 gatcgtgatg ggagacgcga gaacctgggtc gagatgttgg acgaaagtga caaatacagg 360  
 atcgagcatg ggggatggag cccagaggcc aacggacctc tgggccatgt ttacgttgac 420  
 gtgtgggcta aggacaagag caagtagtct ctctccccta tacgtgatac cgtagtcttt 480  
 tacgggtgta gtcctttttt tcttttcatt atgagtncaa cttttttttt tttttttttt 540  
 nttttttttt tnnnnnnnggg cgtctccatg ttcacgcgaa gatggtacat attttgatat 600  
 cataccaaga gaaacccact atattaggaa cgaagctcga ttgttcncc cnnctanaan 660  
 ngttntatta acaaaacact tttattccct tgctgggtcc caaagttaag aaaataccgg 720  
 gcgg 724

<210> 5837  
 <211> 692  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(692)  
 <223> n = A,T,C or G

<400> 5837  
 gataccaagg ggctctcgat gaactactat cttggggaccg cctagtgggc gcctatccat 60  
 cgctagttag cagcgagaca gaggccatct tgctctacga catctgcgca gaactttattg 120  
 ccaacgccaa ccagatcgct ctgtttgacc gggcgcttct ggccatcgat ccagacatgg 180  
 cagtcgagat gcggaccttc acagatgagc tttggaagct cgtgcaccgg tcacgattag 240  
 ttgacaccac ggaagtcact cgaatcctgc gccagtatag ctccgcattc aagtctacc 300  
 tgcagctgcc acccgaggcg cgcccgaacg aaacgcctgt gatccgtact ttgctagaga 360  
 catatgccga gctaggaatc catgaggacg accgtgccgc catgctgggtc atgatttgct 420  
 gggccggcga tgccaatgcc tacaagctg cgtactgggt ccttgcatat attctgtacg 480  
 acccccagct gcgggaaata atacgtcagg aaacagcacc cgcggtcggg ccagacggca 540  
 agctggactg gccttatctc gctaagcgat gccacgact ctcgtcgata tatcacgagg 600  
 tcctgcgggt gaccaagcg gatgtcattg ttcgacaggt cgtccgtgac actgccctcg 660  
 cggntaagcg gntacggaaa gacagcattg cn 692

<210> 5838  
 <211> 553  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5838  
 tgaaccactt attcacaatt cccaagctaa acaccctcc ttctaaatct ccttcccgtt 60  
 aatatccctc ggttgatacg caagactcgc cctcgacaaa gcaaccacag cgtcactcct 120  
 cctccctca agccaatgct caaacatata aattcccga aaagcaggac cccagttcca 180  
 aaacttgcca tcgatcacc atcgagccgt ctcccagta gtctcgggac aatccttctt 240  
 gacatattca agaaactccc aattagttgt cgcacgttta ccacgaagca agccggcctt 300  
 ggcggccaca ataccaccag tgcaggtggg gaaaaaacia tcgacctcgt cgaccttccg 360  
 gtgcaggaat tcacggtagg agtctgggat gttgttccag aaatcggggc caggggcgcc 420  
 taggaggata gcgtcgagtt tgggacattc ggcgaagggt gtgggtgggt ggattttgaa 480  
 gccgctcatc aggcatacag tgtccatttg tggggcgatg tattggaaag tgatgtccat 540



accttgggca acc

553

<210> 5839  
<211> 564  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(564)  
<223> n = A,T,C or G

<400> 5839  
cccactacac cagaatatgc agcaatgagc aaatgaatac tgaccttgtg gctgagatcg 60  
agagtacggt gagaaggaag aaccccactt gttgggatat ataggaagtg cttctgccac 120  
ctttgctgga ccttttttac tatcatcaat tcataccctt caaactttca aactacttta 180  
ttcactatgg ccggaactt ctacgagtc gctgaggctg tccgtcttga tgggcccgtc 240  
ctctttgctc gccttcgcaa tgttgacggc ggatgggagg acgctgaaat tgatttgaac 300  
gaattcattg gtaacgttga cggccagttt gtgtgggacg aaccaaactt ttttgagact 360  
gctgcggaag tcgagttcaa tttcgaagga gatgacaacg tgcccatcct ncgtgcccag 420  
ctgcgggaca nggagggaca gtgggtgcca gctgatatca acttgggtga aaggcttatc 480  
aacatcaatg gtcacttcga gttccaatat taactggtct gactcctgat atctatatat 540  
gccttgaat aaccggggat gccc 564

<210> 5840  
<211> 1185  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5840  
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ccgaggatcc tcttctccag ggccgtctct tttcgtacct cgacaccag ttgaaccgtc 120  
acggcggacc caacttcgag cagctgcccc tcaatcagcc tcgctgcct gtgcacaaca 180  
acaaccgcga tggagccggc cagatgttca tccccctgaa ccccaacgcc tactctccga 240  
acacctcaa caagggtct cctaagcagg ccaaccagac tgtgggcaag ggcttcttca 300  
cggtcctgg acgcaggtct actggccgtt tcaccctgtc cgtcagcccg tccttcgagg 360  
acgtctggtc gcagccgct ctgttctaca actcacttac tcccgccgaa cagcagttcg 420  
tcgtcgatgc tattcgtttt gagaactcca acgtcaagag ctcggtcgta cgcaacaatg 480  
tcacatcca gctgaaccgc gtgtccaacg acctcgcccg ccgctcgct cgcgctatcg 540  
gcgttgagga gcctgaggct gacccgacct actaccacaa caacaagacc actgacgttg 600  
gcactttcgg acagaagctg aagaagctcg atggactgaa ggttggttc ctggcttcgg 660  
ttgagacccc tgctccatc gaggcagct ctgagctcag caagcagctt tctgaggacg 720  
gcgttgatgt tgcgtcgtt gcggagcgtc tgtccgatgg cgttgatcag acttactccg 780  
gatcgatgc catccagttc gatgctgtga tcgtcgcgcc cggcgtgag ggtcttttct 840  
ctactttctc cttcactgct cctagcaatg ccacctctc gtccactctg tccccggccg 900  
gccggcccct gcagattgtc atcgatggat tccgtttcgg aaagcctggt ggtgccgtcg 960  
gcagcgcgc tactgcgctc aagaacgcc gtatccagac ttctcgcgac ggtgtgtacg 1020  
tcgacaagtc ggtgactagt ggattcgtcg atggtatcaa ggacggtctt cgcactttca 1080  
agttccttga ccgtttcaag ctggaccatt aagccggcgt gtactattag cccagccgag 1140  
gatttgtaac catcggggca tcttttactc aacattggcc gatct 1185

<210> 5841  
<211> 1216  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(1216)  
<223> n = A,T,C or G

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<400> 5841
ctctattttct cttccttcaa gcgatgaaag atcagaacac tactgctccc caagtagaca      60
tccagcaacc acagcggaca agcattgagc attccctctc ccatacaacc actacttcct      120
catccaactc ttcctcaagc cttccagaaa ggccactac ctcaactcaa tctcaaacaa      180
agtccaatca cctctccctg aaagcaggaa gactcttcgt ttcccgtctc cgctctcggg      240
ccaaatcccc cgctcctagc gacatcccaa ccaccacacg cagcgctcgc tccgactcag      300
agagcaccta catcctcaaa cgcgacaaaa tggctcgcac cagcattccc cgctcgtctg      360
agagccccac ccaaattgtc cccccggctt ccccttcttc catcaaggag acccactcca      420
caaagcgcag atccgcagcc taccactccc gcaaattccag tgacgactac cgctcgtaca      480
gcggaaccgt gaaccactac ggtcgtcact cgaacgactg gttgttcgga ggattcagtc      540
ttcgcgacac tgtccgcggc ggtgttggcc gcttgcgcca gcgcgatgac aagagctgaa      600
tgaagaagtg gttccgtcaa ttctgacgga ttgtttctca tcttcttttc ctctataccg      660
ctcttcgggt tccgtatata tgggtatata gccatgactg tcattatcta aggattatgg      720
cagcggctac gggctactct acccacctat ttccggtctcg gattgcctct tccacttccg      780
agtgaagatta gatcattggg actgatcgga ggtaattgtc taccacagag ggggtagact      840
atcttgcat cgagttcctg ggatgtcttc agttccttat ggaggatttg tgttcgccgt      900
tatgggaata tcctgcnaac ctacctgctt gtcagggtttc ctttgctgtc attgaatgag      960
cgggtgttgt atccggttat gcaagcatcc taaggatgga gcattctgtt tcttcatttt      1020
ctcgggttga ccgagacata ccttggttat gagctatggt gccatgacct tttgcgactt      1080
gcgagccaaa ttgccgatgt tttccttttt gttaattgac cgaagtgggc ttttaaccctg      1140
ttcagccctc ttgggtactg agttataacc actaatcaca atatgattga acgggaagaa      1200
atgccttctc ctcatg

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<210> 5842

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(687)

<223> n = A,T,C or G

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<400> 5842
gcagcttctt cctagagatc gtcgacgaat aaaagcaatt cctgagcatg actccggtga      60
aactacacct aatgagttag aggaatatca tctggcgaaa caaataaagc tgcccagcca      120
agtaccggca agtgcaggcg gtctgaataa aacaaattgg gagttggaga ttcgaaaacg      180
ctatgcgcaa cctctggcgt cagagactgg tgagttccca gatgcggaat ctattcatgc      240
tcgcatgata cctatatgct acgaagagtc aattgtcagt ggcgcgggac taccctgcgc      300
tgagttcatg gccattgccg cggaaacttt tgtgaaggaa gttttatctg tcgtattctc      360
ccgtacgagg tctaaccggc catctggcac tatcaatggt atgatgatgc gcaagtatcg      420
tcagcagctt gaaaggggag aattggcttt cacacgctgg gagattgtga aagatggcgc      480
aacgggtttg ttacctgtcg aggccaaaga agcaagtatt agaaagcccc tcgggggtcag      540
agacctcgtt ttggcttttag agcttgggtg gggagttctc agtcatatgc cactgattgt      600
ggatcaaata atgggcggtt accttgagga tgagcttgaa acggacaaaag cagaccgagc      660
tgacgatgtg gcggatattt ccaangn

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<210> 5843

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

```

<400> 5843
cccacgcatt aggcgcacat gaatcttggg aatgtcaagc agggggggccc gattacaaag      60

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<222> (1)...(632)  
 <223> n = A,T,C or G

<400> 5846  
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 tgggaattcg caccgaaaag gctgtcagaa atctcaaggga gaggacctac ctaacagact 120  
 ccagtatcag cctcaagcct tcaagcgaca gcatacaacg cctcctggga cgacacgggt 180  
 tcgacaacct acgacgctgt atgggtacgga ttccagtcgc aggggtgatc gtaagatcat 240  
 cagcctcatc ctcatccaca tcatcctcga atccttcac attagcggtg acagccacct 300  
 cctcaaccgc actgtcacac ccctccaact catcgatagg cgcccaggca aaagcccata 360  
 gcaaaacatc ctccaacgac accgacctat ccctcggaga tctcctttca gacccgttcc 420  
 ctcccccttc caacgacgaa tcaatccgga aaatcgtcgc cagagtcggt cggtgggtgg 480  
 acacaagatg ctacgagata cccgtcctgg cgaacgggtga cgcangcctc agcatctggt 540  
 ccgataagaa agtactccgc gaatgccaga agcgaggcac acgggttcgc ctcttgatcg 600  
 catatgcaca gaagccgagc gagaaacgca ga 632

<210> 5847  
 <211> 673  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5847  
 gaaccgaaga catcgcccttc ggaactaaat tctgcacttc caacttaacc aaagaaaaaa 60  
 aaaatgacaa ccccgaggcc ccagccaaag acatccgtcg ccacagaaaa agtacacctc 120  
 ccacgcatca cgatcaaata ctgcacacaa tgtaaatgga tgttgagggc tgcttatttc 180  
 gcccaagagc tcctctcaac attcagcacc gatctaggcg aggtagcgct catcccggtc 240  
 acggggggaa tcttcacagt aacgatatat cattcctcgt cggaagtggg ggagacgcaa 300  
 gagacgatct tgtgggatcg gaagacgaat ggggggtttc ctgaggtcaa ggtgctcaag 360  
 tcgttgggtga ggaatgtgat tgatccgtcg agggatttgg ggcatacggga tcgggcgttg 420  
 aaggctggta atgtgtctgt gaaggagggg ggtgctgcta aggtgagttc gagtgaagga 480  
 aaggggggtg agaaagtaga tggggagaaa aaagagtgtg aggattgtcg gtgatggggg 540  
 gaaaggggtg gtattggata gaagctaaag gaatctgttt gtgaacgctg ttattaggtg 600  
 ggactgcgtg ggaaaatttt ggttcccatg ggatgatttt cctggttaatt ttaaaactgt 660  
 ctaaattgct att 673

<210> 5848  
 <211> 644  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

<400> 5848  
 cgacaaccaa ttcactcgct caatcaaaac gaaccacat caatcaaac gaaacaagct 60  
 ccagccagaa atatcaacac cacaaccacc aaaaagaacc caaaaatgtc cccccggac 120  
 cccaattac aacctgaaga ccaatccctc caacaagaac aaccaacatt acaaaaccga 180  
 ctcccagtec acaccacca ctgccgttc tgcaaccacc tcctcctcgc aacaaccgc 240  
 gacatcccc cctccccacg ccngaaacac cccgccaaag acaaagccat catctgcccc 300  
 ctcccaacat caaatacctc cgaggacacc gactcctcta acctacagga aactacacc 360  
 atcctccttt cgacaacgat accggatcgc aaggcgacgc tcgtgcggcg cgaggacggc 420  
 ttcnagaaga gatngtttct gcngtgtgga cgggtgtcggg ttgtgggtgg gtatttcttg 480  
 gaccggtgct ttttccaatg aactctgttg ctgcttctgc ttccgggggtg atggggaagg 540  
 ccaagangac canagganga naangtcttt tatttctccc ggggccttaa agaaaccggg 600  
 gtcattggggg attaaggagg ttaaaggggt tataaaaatg gagg 644

<210> 5849  
 <211> 822

<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(822)  
<223> n = A,T,C or G

<400> 5849  
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agaggcgcca gaggatgtcg ccgccgcca caacaatgtc aatgcccagc agcagaacat 180  
tcctcgccct gcgggcatgc acccaggcta catgaccaac gaacagcagc agcagatggc 240  
ctactaccaa aatcttcagc agcaacagca agctggtggg cagtaccccg gaatgcctgt 300  
gggcaaccgg atgccgcccc agcatcaacc cactgcataa acggtgggtc ttgcttctgc 360  
gtaatatgtc ttcagaagcc gcggaatcca gatgtttgtt gtttcgcgtc ttcgttaact 420  
tcaacatgtg cacctccgca ccatcggcct tcctttgata ccagcgaaa tctgaattct 480  
cttgccccgc aattgacgct ctaaatgcgg tttccgtcgt ataccagcaa cataacatga 540  
acaccaaagg tgccttaact tgtaacctgt gtatatcatg agccgttgat tcaacgttga 600  
ggagtctgcg gcaccgttct tgtgctggca agattccgat tctctttatt ccgaggtcat 660  
acaaaactaa ggcttaaaaa tgaaaagaca aaaaaaatt cgggaaaaaa agttcaactg 720  
acgatgaaac acgnaagatg cnaagcgctg gttctggggg ccgaagctat taaatggttt 780  
cttcacgttc atctaattat ctgctagacg acaagtggaa gt 822

<210> 5850  
<211> 669  
<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(669)  
<223> n = A,T,C or G

<400> 5850  
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tggcagcaga gaggccgaga caaccgctcc cgtgacgact atggatcgcg tgaccagggg 180  
agcgaccccc catgggctca gagcagccgt ggaggcgatt atggatatgg ctgcgagggc 240  
ggctacggag cccctggagc tgcaccctgg cagcagcagc agcaagcccc tccgccccct 300  
ccgggtggac aggtgcgta tggctatggc gcttatgggt gatacgctcc tcctgttcct 360  
ggcatggggc caccgggggc ttcttcctct agcatggggg ttctctctcc tccaccgggc 420  
atgccaccta tgtactacgg ctctggtggc agnccaccac cggcaccccc ttcttctgnt 480  
gaaggaangn cnnngaaana annctacaac gagggtgac caagcgtgac cttttgcctt 540  
gagttgaatg gggcatgctg gcaaaatcct tggctttcct ttctttggat actatggggg 600  
gctacttgga agggggtagg attgggtggg tgctaataac cagaatggcc cttttttact 660  
tgagggtcc 669

<210> 5851  
<211> 632  
<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(632)  
<223> n = A,T,C or G

<400> 5851  
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atggcagcgt	tagtcggggg	caccatccgt	ttactttgat	atacgaaaca	ggaaccgatt	180
ccgttcctcg	atgtgacgca	cacctagctc	tctatggtaa	taccaagacc	gtgagcatgc	240
attatgattt	accttacgcc	caaggcaagc	catcacgggt	ggttgtggaa	acagcggatg	300
gcaaggggaa	tctgaaaaga	acggagagt	ttagtagctg	ggaggatg	tttaacgccg	360
agcttaaggc	ggtgcatg	tacttggtg	agggaaaagc	tgcccggaca	acagcaaaa	420
actccctcca	ggatctcaaa	ttgtttcaaa	cgatttttga	gcagtatgat	cgacagtgcg	480
ggaccattag	aacccccctt	ggctaaattg	gcgacgtacc	tgtgcctgg	cgagcaagtc	540
tgctattgga	tttgcgggg	ggctatttta	ttcttggtat	tgggcatggt	cttctacttg	600
tggtgacat	gaatattanc	gtgaaaggcg	gn			632

<210> 5852

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 5852

cagcgaggcg	gacgaggtat	gtgaagaaaa	ctatggagaa	gcataagctg	ctcgacacgg	60
ctgggtaccgt	tgatcaatat	gatgatgaaa	ttgacgacga	ggaggacgat	tcaaagtgt	120
tctgtctca	ccggcgctcc	gcaaaaagta	ctgtgaaagc	cgaggagagg	agctcaagta	180
cttctgcccg	tgctacccta	ggaaacagcg	ctgttaccaa	gcgtccaacc	gcctcgaagc	240
ggcgaaataa	ccgtgatcgt	tacccccaat	cctgggggtg	ccccaggagc	agcatcaacc	300
taaaaaggcg	cgttctgtgt	gtgttcgatg	gccaacgcaa	tctgtggaag	gatgaaatgc	360
tgcttcaaaa	cgaccttgaa	gtccgtataa	agcttctctg	tggcgctggc	gatggcacta	420
atcgagaggc	atatgtgacc	gatctggacg	tcgagacgct	aaagcgcgcg	gaaggcatcc	480
tgaacgctac	tgagggaagaa	cggggtcctt	ggctagatgg	accctctacg	aagatgattg	540
ggtcaccggc	catgccgttg	cccagcctgt	ctcgtcctta	tgaaagagag	gtagatattg	600
atgagtttgt	gtcttaagag	actccaattt	cgcaagtctg	ggtc		644

<210> 5853

<211> 1028

<212> DNA

<213> *Aspergillus oryzae*

<400> 5853

cctctctcat	tctctcgggt	gcccccgatc	ctcaatccaa	cttgtacata	cttctcccaa	60
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tacggcaagg	acaatgtccg	cgtctacaag	gttcacaagg	acgagaagac	cggtgtccag	180
acgggtgtacg	agatgaccgt	ctgtgtgctt	ctggaggggtg	agattgagac	ctcttacacc	240
aaggccgaca	acagcgtcat	tgtcgcaacc	gactccatta	agaacacccat	ttacatcacc	300
gccaagcaga	accccgttac	tctctccgag	ctgttcggct	ccatcctggg	cacacacttc	360
attgagaagt	acaaccacat	ccatgcccgt	cacgtcaaca	ttgtctgcca	ccgtgggacc	420
cggatggaca	ttgacggcaa	gccacaccct	cactccttca	tccgcgacag	cgaggagaag	480
cggaatgtgc	aggtggacgt	ggtcgagggc	aagggcatcg	atatcaagtc	gtctctgtcc	540
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accacactta	aggagacctg	ggaccgtatc	ctgagcaccg	acgtcgatgg	ccacttggca	660
gtggaagaat	ttcagtggac	tccaggaggt	ccgctcgcac	gtgcctaagt	tccatgctac	720
ctgagccact	gctcgcgagg	tactctgaa	gactcttgct	gaagataaca	gtgccagcgt	780
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cctgcaaaac	accggcaaga	acggcgaggt	cttctctcct	cagtcggacc	ccaacgggtct	960
gatcaagtgt	accgactgcc	ggtactctct	gaagactaaa	ttgaagacaa	catgattctc	1020
acgttccg						1028

<210> 5854

<211> 578

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(578)  
 <223> n = A,T,C or G

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ccatccacct cgtttagaggc tgtgggagggt tattttgtct ggatccaact acccccacca      180
ctacaggcgg atgatcttgc gaccgtagcg cttcgagagt ataaggtgaa tgttattgct      240
ggtaatagat tccgtgttca aggcgacccc gacactagaa ggaacagttt taaccgaagc      300
atacgtcttt gtttcgcctg ggaacatgag gagaagttag cggaaggggt gcgccgactt      360
gcatgcgcta tacgctccgc attgaaataa actcttcgtc ataaaatcac aacgtattgc      420
gagggacaga tttcaagaaa ttccaggctc caacaaccaa gggtgggagg cggtatcgatc      480
cgctccgggtc cttgngcaga catttcttgg gtttttgatg tggttgcgta ncggtcattg      540
gtgcaangaa ggggggttct gcccaattagc aagtgagn                                578
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<210> 5855  
 <211> 700  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(700)  
 <223> n = A,T,C or G

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gcagagtctt cctccaggat ccacgcttca atgaaacatg gaacaaaactg attgtattct      180
cgctgggtgga gtacgaccgc atcgtcttac tagacggaga tatgctgggtg cgaaagaaca      240
tggatgagct gatggacgtg ccaactggacg ggccggggttc aggattaagc agcgaggaga      300
ataaacagga gagagtattc gcagcgagtc atgtatgcgc ctgtaatccg ctgaacaagc      360
cgcattatcc caagacttgg ataccaaga attgtgccta cacaagccag cattcggatc      420
ctgtccgggc gcagacatcc ggcgctccag ccgcgaccgg tgtgccatgc tgaatagtgg      480
cctcttagtc gtgcgttcta ccatacgggc ctggggcgag atccangcta gacttcacat      540
gcccgatcgc acggataaat acactttncg ggatcaagag ctctngtcng acgtgtttcg      600
gggtcnatgg gtgggtattgc cgtatgtgta taatgcgcct aaaacgctcn gtggggagggg      660
gtgcacgaca atatctggaa aaataccaag tgaatatggn                                700
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<210> 5856  
 <211> 246  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5856
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cagatatccc aacacgcca cagagcgccg ttcgtcgggg cacaggcgag tccgccacaa      120
caaccatcga gaacattgac gtcccgcagc ccggtccggg ccagatcctg gtaaagatca      180
actggactgg actttgtggc tcagacaagt ctctcctgca tgatgattgg aaggatttcg      240
gggtga                                           246
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<210> 5857  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5857
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ccccacaccc tcatcgcgct ccccggttcg cgccagaaat gcgatcagat agttctacct      120
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tctactcacc	cgtgggtgtct	tcgtccatgt	ctcccgtctgc	cgtccttcc	tcacctcaac	180
caccccgttc	cgggtcgcag	aatcccacca	aatccggttcc	agccttccat	ctcagcaatc	240
tgccacgatt	tcatccgcg	gtctactcag	cggcgggttc	tcagggacaa	ccgacatccc	300
cacgtcaacc	gcggccatct	gcctaccgca	ccacctcggg	ctctcgggac	gcgatgtggc	360
agtatcagga	actcgtcgcg	gggtgtcacct	tgtcgaagac	accctcccgg	ccactctcgc	420
ccagtcgcgc	tgctcctcgc	ttggaccctc	tcgcgagtcc	tgggcccgtc	acccccctcg	480
ccctggagga	ggccagtggc	tacctgatct	cggggacgtc	caatgcttcc	gcttttgctt	540
cccgggacgc	cccatccggg	ccggcccccgc	acttgatcga	ccggctgatc	gtccgcgaga	600
ccgagcgagc	ccgtcagaat	gccaaagaaag	gcactaagac	tagatattga	cgttcgccgt	660
ccg						663

<210> 5858

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<400> 5858

ctcgcgtgac	gtctgccccct	acttccctcta	tttgccgctg	aactcgtggc	ctagtgttac	60
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gtattcgtgg	agatctgggg	taggttagat	agttgtttct	ctttttcata	gggtatgatg	180
aaaaaggtta	ggagtctgtg	taatgggatt	gtggaacgta	ccgcttccgc	aaattccaac	240
gaaagaaggt	cggatctggg	ttgttggttag	tttctgggga	tggttctggc	tatgcgttga	300
gcttgtgggt	tgtgattttg	cacctttact	tggccatttt	gacagacggg	ttcttcgatc	360
tggtcgatgc	ggatgtctcc	acttccgtgg	aagccaactg	cgtgcattgt	agattattgc	420
gtgttgatat	tgaggagggt	tgatgatata	tattgtattt	gtgtattgct	tggtgacttg	480
atactatat	atcattttta	ggttatgtta	cgtggtatag	gaactgggtg	ttgtgtcctc	540
attatttgga	tttttcagga	tctgaagget	ctatttcatt	tttatattgt	ttatgtatat	600
ttttgtgctt	attatggaat	ctattattat	gaagatttat	atggatgtgt	atctttaaca	660
tttttatcat	tattacttta	ttgattctga	tgttcccg			698

<210> 5859

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 5859

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tttatcacta	ttcttgtcta	tcccagatgg	caacgggtcg	gatcatgatt	gttttagcttg	180
gateacttgt	tttgatttat	cgactctgtt	gaccaggcca	cgattatctt	gcaattgcag	240
gacattttcta	tcttagagac	gcccgaactta	ctgctcacc	ccctatcgat	tgttttagtgt	300
tcatattgct	gtagagagatt	tgttttggtg	acgcattgtt	gcattcaaaa	tggctggaaa	360
catgggtgat	tacggccaaa	ttattgagta	tatccaagat	cgtctttatt	tggcttctta	420
tgacgacgca	ccggatgcga	gaactccatt	cccttatcct	tccgagcaac	ctaagtctcc	480
aagcaagcgc	tctgcgagag	cccagccgaa	caccncaggt	aggaagaggc	gaagccccgt	540
gtattttcacg	gtcgaatgata	ccttgcttta	caactctttc	catgcagact	tcggtccact	600
ccacataggt	catctgtacc	ggttgcggtc	cattttcatg	aaattt		646

<210> 5860

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 5860

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------------	------------	------------	------------	-----------	-----------	----



ggaacagtca	cgaatggcaa	tctcttcgac	ccacggtcga	cggcatggaa	ctgttcccca	120
gcgttgacgg	cgatggaagc	gacggcaacg	actacaacga	ctaccgcaac	cacctcgctc	180
cgctgggtcc	atccttcctc	tacaaagtcc	tccgtcaacc	atcctacgag	gcacgccgca	240
acctcatcgc	ctgtaatgcc	gtctcctcca	aatcctcctt	tatgatcctc	gtccagggtc	300
ccccggaccc	cccattccctc	ctctaccag	ccgacaagta	cgaaagcgaa	gacatcggca	360
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cctggatcga	gcggacgata	ggaaactccg	ctggatggca	atgggggtac	gcgatctggg	540
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tcacgatggg	g					671

<210> 5861  
 <211> 781  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(781)  
 <223> n = A,T,C or G

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cgggtacaag	catgccgcgg	agttctgggt	ggaacagggtg	ctcttcatga	gtacgagtag	420
tgccctgcga	tcctataaca	ggacgggtatt	tgcgtcgctc	atccccctgtg	gatccgaagc	480
acagttcttt	ggtatggaaa	ttacggttga	tcttgccact	ggatggatta	atccccctgt	540
gcagggcggtg	attcaagatc	atacgcataa	tctaagggttc	cccatgattc	ctaacgtatt	600
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gtcctacgag	cgtcttgtag	gacagaaagt	cgattatttt	gtcgttgatt	ggaatgaaag	780
gatcttctcc	tctaaannan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnntttcc	781
t						

<210> 5862  
 <211> 1094  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5862						60
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cccagactct	atacgtcgga	tcattcctct	cccttccaag	cccttctccg	tgtctctcac	540
tgctacgaag	ctagtcgtcg	caatggcttc	acgcgcgttg	catatctatg	atctgaaggc	600
gctgtctctc	ctcacagctc	agttggatgg	taccgttccg	aacaagggtg	aggtccagcc	660
gtggcagcgg	agaaaaagca	gtcttaagtt	tatgacacgg	tgcgtaacat	gcatacctga	720
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gactttctca taat		1094

<210> 5863  
 <211> 693  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(693)  
 <223> n = A,T,C or G

<400> 5863							
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gcttttgccg cctatcactt	atagtataag tgctggtgac	atcattntct cgcccgatag		480			
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actactttta ctatgtaccc	tgctctatga ata			693			

<210> 5864  
 <211> 1045  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5864							
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ctctcagtca ctgcggtgt	tgtccaccta cctttctccc	aacgtctccc taaaaatact		180			
ccttactacc ttctatacaa	ctgaaatact ttcaccgctc	tcatcatgca gatcttcgtc		240			
aagactctta ccggcaagac	catcactttg gaggtcgagt	cgagcgacac tatcgacaac		300			
gtcaagagca agattcagga	taaggaaggc attcctcctg	accagcagcg cctgatcttc		360			
gctggcaagc agcttgagga	tggccgtacc ctctctgact	ataacatcca gaaggagtcc		420			
accctccacc ttgttcttcg	tctccgtggt ggaatgcaga	tcttcgtgaa gacctcact		480			
ggaaagacta tcacccttga	ggttgagtca agcgatacca	tcgacaacgt taagagcaaa		540			
atccaggaca aagaaggcat	tcccccgac cagcagcggt	tgatcttcgc tggtaagcag		600			
ctcgaggacg gtcgtactct	gtcggactac aacattcaga	aggaatctac tctccacttg		660			
gtcctgcgct tgcgtggtgg	tatgcagatt ttcgtcaaga	ctctcaccgg aaagacaatt		720			
acgctggagg ttgaatcatc	cgacacgata gataatgtga	agtcaaagat tcaagataaa		780			
gaggggaattc ctccctgacca	gcagcgtctc attttcgccg	gcaagcagct cgaagatggc		840			
cgcactttgt ccgattacaa	catccagaaa gactctacat	tgacttgggt cctccgtctt		900			
cgtggtggta tgcagatctt	cgtttaagacg ctactggca	agactatcac tttggaagtt		960			
gaaagctcgg acactatcga	caacgtcaag tcaaagatcc	aagacaagga gggatttccc		1020			
ccagaccagc aacgtcttat	ctttg			1045			

<210> 5865  
 <211> 1275  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature

<222> (1)...(1275)  
 <223> n = A,T,C or G

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<400> 5865
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gccttgggct cgagggcatt tgcccccgcc cccaagggtcc aacaagttca gcgccggaat    180
ctccaagatg tcgcgatcac tagaaccgga aagccgatcc tgaagggtcca ggggtggacgg    240
tcgtctcttg gaggtcacac cgccactgtc ttccggtgcta ctggtttcct cggtcgttac    300
attgtcaaca ggctcgcttc gcagggatgc acggtcggtt ttccctaccg tgaggagatg    360
accaagagac atctgaaggt cactgggtgat ctccggaagg tcaacttcct ggaatatgac    420
ctgcgcaaca ccagtcgat cgaggagagt gtccgtcatt ccgatattgt ttacaacctt    480
gtcggtcgcc agtatectac taagaacttt tcctataccg acgtacacgt cgacggtaca    540
gagcgcacgc ttgaggctgt cgccaagtat gatgttgacc gatacatcca cgtctcttcc    600
tacaacgcca gcagggactc tccttcggag ttcttcgcca ctaaggcctg gggagaggaa    660
gttgcccgtt ccatttaccc cgagaccacc attgtccgcc ctgctcccat gttcgggttc    720
gaggataacc tgctccacaa gcttgctaag gttaccaacc tccttacctc caaccacatg    780
caggagcgct actggcccggt tcacgcccc gatgttgcca atgctctgga gcgtatgctt    840
cacgatgact ccactgctgg tcagactttc gagctttacg gtcccaagga atactctact    900
gccgagattg ccgagctggt tgaccgtgaa atcgtcaagc accgccgtca catcaacggt    960
cccaagccga tcttgaagcc tgtggccccc tacctaaaca agctgctctg gtggcccat    1020
atctcgctg acgaggttga gcgggagttc attgaccagg tgatcgaccc caatgctaag    1080
acctcaagg acttgggcat tgaacctgtn gatctggcca cccttacttt ccactacctg    1140
ttgggttacc gtagcgcttc gtactacgat ctgccttcgg ccacggagcg ggagagacag    1200
gaggagaaga agtatctgca cgtcttgga gaccagtaat ctgtggttct ttactgtaca    1260
taagctagac atcca                                     1275
  
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<210> 5866  
 <211> 643  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

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<400> 5866
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tgatcatca tcatctgac tccgccatct gattggccat ccacttttagc ttcaattttg    120
gctctcttca gcagtttttg tttattcccc ggactttcat ctttttcaac cccgtccgcg    180
tcttgccgcc tttgtttccc cttgttctc cctccttca atcctctcag cggcatgtcc    240
aaggcaactt tcgcccgaat cgcccggtt agcgcagcca ccggagctgg tcttacagcg    300
ctgctctatt cctcttctc cctcggccc caacagcaac aacaacaaca gcagcagcag    360
cagaagctac ctccatcagc accagttacc tcgaccactc ctgtcccga ccccccagca    420
gccccgtcac tcgcccgaat atacctcgcc ggaccagtgc acccgtccgg tatctaccag    480
tatggctttc ccggccccgt cgctgatacc ctgctctcaa ctncctcttg cggcgcatac    540
gaacgtcgca cgcgcaattc cgccttggtg gggaacaca tacaccggct tcgcttgcca    600
tgaagaacgc agaccgcaaa cacaggacct ttacgaaga cac                                     643
  
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<210> 5867  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5867
tgacggagtg gaatggcatc cgaaactctt ccgtcgggtt caggagggcc ctggtggcgc    60
cgacgaaggc gaggaggatc ttgactggat catcaacgca cagattgacg cgcacaacct    120
cgaattggcc accaagcaga ttttatccat tgccccgatc ttagaaggct agaccgagtc    180
ctctcaatac caaatccac ctcacaaaga ggggcgtgag ggggctccac ctgaccacaa    240
  
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<212> DNA  
 <213> Aspergillus oryzae

<400> 5870  
 ggcaccgtca catggcaata accagtatgg tggatatgga ggtagccag ggaactatcc 60  
 tgcacaaaac caatatgggc agcctccgca gcagggtac tatcaatcta caccgctta 120  
 cgatcagcaa cctcatatcc agcattcctc gtatggccag cagcagaact atccccacc 180  
 ctacagcgcc ggcccccaac aaggcggata tcctggcgac tatggccacg ggcaaggctc 240  
 atacatgaac ccaccacaag atgggtggca ctctccctac cccagcagc aatatcaaca 300  
 ggggtg 305

<210> 5871  
 <211> 657  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(657)  
 <223> n = A,T,C or G

<400> 5871  
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 ggggtgctcc ctgcaccctc accacttccg tgataagcgg tccgacaacg tcaccagcct 180  
 cgcagtctcg ctatgacgacc accgatcctc aacgagtggc atccaatatt gaacatgtcc 240  
 tgttggcaat gtctctctcca agtcaagatg gtggcctggc cagcgccagt ggcaattctt 300  
 cgggttctac cggcaagggt atcttgatcg gcgtcctctc agccttcgga tctgcagcag 360  
 ttgcagtgtc tgttcttgcg atattcttct ttttcaagta tactcaacgt ggtagaatta 420  
 ttctggaccg cattgggcgc ccgggtgaat atgatgatga gcaagcgctc ttgcgcgagg 480  
 agacttgagg cttagaggcc atggatgatt tgtagcggc cgagtatctt gagggcaatg 540  
 cattcatcga agccaacccc gccgattcga tgccaaccga tatttctctc tccagtnctt 600  
 cgcgatccag gaaaaggccg tttcaacatg ggagtttcaa cccgaacctg aaaatcg 657

<210> 5872  
 <211> 671  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 5872  
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 cacgatgacc gtccatcgga cccagatgcc acacctgccc tgcttatctc cgatctgtac 120  
 tgggtggacca ctgatgatga tatccgtggt tgggtccgag agggcgactg cgaggatgaa 180  
 cttaaggacg taacgttcag cgagcacaag gtgaatggca agagtaaagg gcaagctttt 240  
 attgaattca ctacgcttca ggctgcgact gccaccaaac acaagctcga atcttccggc 300  
 acgacaggac ggaagtactc tgtaactat accaaccccc aaccaaaacc tttccgcaca 360  
 cttccgaagg atgcacctat gcgaaaaggat aaccaggctc ggtagatgtc tggaggcttc 420  
 aactcgcctg cgcagaacat gaactttgga atgaactaca tgggtgggtg tggcngtggc 480  
 ttccgtggcg gnctgcggng gnttcaactc tccgngtgg catgaatann ntacatggag 540  
 ggttcancnn accgaaactt cagaacccaa tgggctttca aaaccgatg gctggaggct 600  
 ttcgcggnaa atcgatggga gtatgcaaac tatggcggct tcatactcg gagcatgatg 660  
 gcggcatgcc n 671

<210> 5873  
 <211> 693

<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(693)  
<223> n = A,T,C or G

<400> 5873  
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cctccagcga gggctacaag gctgagctcg agaagctgac caagcctgct gtcggtgagc 120  
ccgttaagaa ggccgctgag aagcccgtg aggctaagga ggaggccaag gaagaggctg 180  
ctcctgctga ggagaacaag gacaacaagg ccaagagccg ctcccagtcc cgcaagcgcg 240  
ccagcatttt cggaactctc cgtggcaaga aggaggagac tgaggagaag aaggaagggtg 300  
acaagaccga agaggccaag cctgctgagg ctgctaccga acctgctgct gaagcttccg 360  
ccgctaccga gactactgag gcccccgctg ctccctgctga gcctactgag gccaacgaag 420  
acaaggaaaga gaaggaggag gaaaagaagg aggagaagaa ggaagagaag aaggctgaga 480  
ctaagtccaa gcgcacttct ctcttcggca acttcttcca gaaggctact ancccttctc 540  
acgagaagtc tgagaaggag gccaccgcac ctgctgagac ccccgctgtt gccagcactg 600  
ctcctcagct cgacaaccct gtcgaggagg cttccgtgaa gccatctagc ccgagactgt 660  
gaccgcccct gctgaagctg aggctgctaa tga 693

<210> 5874  
<211> 661  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(661)  
<223> n = A,T,C or G

<400> 5874  
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cctgaccccc ctggcagccg ccgtgggcaa cgcagtggtc aagaactcct gcgaccaccc 120  
cgtctacgtc tggctcgtcg gtggctccgt tggctccaag cagaccgtcg aaccaggcaa 180  
gtcctacagc gagcccttcc gccacgacga tgctctccgc ggcgtctccc tgaagatcac 240  
caccgtcgac aacggtctct acaacggcag tccccagctg aactacgcct acacgcttga 300  
caacgccggc gtgtggtacg acatgtccga tgtcttcggg gaccctttct ctggcagcgc 360  
agtggtcac aagccatccg acacctcctg tccttctatc tgctggccac agggcgcttc 420  
accggcggt agccagggtga aggtttgcca gagtaattcg gatgaggctc tggagctttg 480  
tgccgaggag tgtagggta ttgtatgagg ttgaatgaat caattcgtca cgggtaacaa 540  
ccttatgcta tgtttatgtc tgggtcatgg gattgggtta cttaatgaat actgganact 600  
atgtgataat gatgaactct gtatgtaaaa gaatttagca aatgaaactt gctctatgct 660  
t 661

<210> 5875  
<211> 551  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5875  
gcggttttag taccaacagt aggtcttaga cgtcgtctta gcagcctatt tacatattac 60  
ggaagtccag agactagaag gatattctgg atggcagtag agaagggctt tgttgatgtg 120  
gttttactac tgctgcgcac tgggaaggca gatcccaatc tgaccgattc cgccaagaag 180  
agcgccctaa tgctagcagt tgagaacaag cacaaggaag tcgtggaagc cttactgtgt 240  
gttggtccg catgtaccga tgcgatggca gagaacgggg atactgctct gtttctagca 300  
gttggttaaga gagatgtgga tataaccggg attcttctag aaatcggaat ggctaaccgg 360  
gatctcgtct acgacggccc attcaaacac ccactttcat acgcggtaga gaataattac 420  
caagatatcg tocaaatact cttgagcacc ggaaaggcag acccgatccc cgggctccaa 480

gcagcaatct ccatgaagca aatagcaacg attcgcaact ttcttggcct taccaggtgt 540  
agaccctaac c 551

<210> 5876  
<211> 716  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(716)  
<223> n = A,T,C or G

<400> 5876  
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tgacacgcgg caagttgttt cgaccatcgc acatatacac aggtgaaaca gagaataaca 120  
agccattgcc caagatttga ctgtatgagc cgagaggctc acctttgtct atcagtcagt 180  
atcatgatgg cctcggaaaa gagtttatgc tttgaggctt gagccactct aaccagaga 240  
aatgctatcc tgtgaactag gcacttaaca aaccttatga aggtgcttga agacaatgtc 300  
tttacctcat ggccattgca cataagtagt ccacagtagc actcaatgta catggcccat 360  
tccattaagg aagacctaag gcgatatgaa caacagccag ggagctgcgg aagatggacc 420  
acctaccgaa atcacacccc ttttacaatc tcatcctggg aaagaacgat attcagtttt 480  
cagtaccaga cagaagcggg tgattattct cacagcagcc atagcgtcga cgttntcccc 540  
tatctcagct aacatctact acccagccct caattctata gctgctggcc tggatgtatc 600  
cagttcccaa atcaacctaa actatactac atatatgata tgtcaaggct tgggctcgac 660  
cctcacaggc ccgttcgcag accaaagctg acgtcgncgg gnctacatcc tctgtg 716

<210> 5877  
<211> 960  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(960)  
<223> n = A,T,C or G

<400> 5877  
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tccggcctca tgctcatgag caacgtcgcc atgggcggcg agctggacca cgacgatgta 180  
cccaatcgct gctgggatgt ctgcggtccg gtggtaggaa ttgcgacaa atgcgacaac 240  
atgcacgaca gtgaccgcgc cgagatgaat tgtatctgcg actggaagca ggcaccatcc 300  
ctgatccctc tctgcgaggg ctgtatcgcg cagtatcgca gcgaacgcaa caacagggac 360  
cacgatgatg atgacgacga tgatgaccgt aacccccacc acaacgatgc ctacgacatc 420  
ctcaccctct gctccctctc aacaaccagc tacaacccga ccgcccgcgc ttccgcccgtt 480  
agctccgcaa gcgccaatgc caccgatgca acccctaccg caacttcacg gggcatctcc 540  
gactccacga atggtggctc ctcggttaac tctaacagta attcgggaag caacaccaac 600  
tccgcggtta gcgccagaa cactggcaat gcggcgctctg cgtattccag tcccaaggct 660  
gcttccttgg ctgctgttgt cggactaggc tntcttgccg ggctgtgaac atctcatgac 720  
ctgatgacat tacgagattg gatatgggtc ancgcggaga gagcgganga aaatatatgg 780  
aaatcgattc acttgatcgt atggagatgg gagaatgaga tatatgaata ccgttcatgc 840  
cactcatata tatacccagc tggtngatga gttatgttac tcgaatatgc cctggtgttt 900  
tacttatcat gtggatatat tgaatcactc ctttgattgc aggggtctgt gttgctcacc 960

<210> 5878  
<211> 676  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 5878  
cgagaataacc tcaaggctaa aagtccaaaa gcttcatcca atttttctct agttcaaaat 60  
gatcaaataca attgcctcta tcgcccttct atttctccaca gcaatcgctg tcccaacccc 120  
aaccgagctc ctacctcggt cctgcactac tctagccccc gctgtcatca atattctcga 180  
cgccgcaaat cccaacaccc cctactctgg ccagcagttt accctcgagc gcagcgggtc 240  
tcccttggtc gataacaaga tctcctgtgt gaccttcaac aacattcccg ccggcgccac 300  
tggtgtcga ctcgaaatcg aacttctccc cctgagcgac ggccaaatcg ctcccagcga 360  
caccagggca gatgtctggt ctgccgaccc agtagacggc agctcgttcc ccacgtataa 420  
ccatccgcca cacaaaagag aaatggctcg gacctacatc ttccccaagg gaccaaccac 480  
aaagtcgacc cacaccgtat tggcatctaa cacttgctcg accaccatga gctggttggt 540  
gcagttgagt gaatggcaga gctcggctgg aagtgtcaat ttccagaact ctgttgggaa 600  
tggcgcggt atcggcttca tgttggttta caactgttaa actatgggtt gttgacgatc 660  
ccattgtgtg accact 676

<210> 5879

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 5879  
cagactttca tcagtacaac attgggcatt gtctcaagcc aatatagaca atgatactgc 60  
caccgacggg gaacagaaaa gcgatccaga atttattcat gaaattctac tacgtcctgt 120  
tggtcaggt gatgacgaaa agtcacgacg ccagttgcga ccgctgaccc gaaatatact 180  
caccgaattc gatgacttac ttatggctct tcacaacgcc cgcaatgggt gagtgggagc 240  
ggacgacagc tcggcgagtg agtggcaaac agatacagag agtattgcct ctagcatctc 300  
atcccgcaag agaaggacaa taaaaaatac cgctgagcga agtcaatcga ggggtagaaa 360  
gcgcacacgc aggtcatccg ctgcaagtga gtcaagccgt caacgttctc acagtgggca 420  
tgcatcaagt ggacgagcac cttctcggct tggctcacgt cgtcaatcaa aatcacaaaa 480  
ctcaaggccg cggggggcgt cagctggcag cgaccgcaa agatctgcaa gtcgtatgcg 540  
tcttggcctc cgcgactgga gcgaagtact aggaatcgcc tctatgatcg gctttccacc 600  
agccgtgata atgcgttctt cacaaagatg tgccgctctg tttcgtgagg atatggagtt 660  
tcgcgttttg caagaaggta ccttacagca agttcgggg 699

<210> 5880

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5880  
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cggattctct tgatgagatg acctacacgt cgcgacctac attaatgctt ccgctagtgt 120  
cttctacagg ctcatctttt cgccagccaa gtactcatca tgctgcgccc cagcagcaat 180  
tgactgccct ggctgcccgg ataggctgac acaacgccta gctctatgag agcgaagcaa 240  
ctccgtgaga tgagtgggtg gctagcgatg caaatgcaag tcttagaaga gaagatagg 300  
acgcttaagg atggcacaga agctgttgcc tgcgttcttg ctaactggga caatgttcta 360  
cggctgatata acatggcctt cacagaagct gtaaagtgtat aaagaccgac cgtgcaaaat 420  
acaaacacct tggctgatgg tgataaatca accgatactc ccattgcctgc gactgtagtt 480  
cgaataccag cagatcatgc agcatcgccg agagagtaat gcatggcttc tgattaaccc 540  
gcatagtcac ttcgatgata gcctcttctg atatcgccga tcaaacagaa gactccatga 600  
cacacggcgc tcgaaactga tacgtagcgc tcaactgtat aattcaatac agtgtcagac 660  
tcactatagt gtgactcaac caataggaat gcaacatact ccct 704

<210> 5881

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 5881  
aggaattttt tttttttttt ttttttcaaa gcttcaaacy cccaccagtg ttcgtcatca 60  
taaattcaga gtacagaact gagagaagga gaccgttcgt accgccacta ttggaggaca 120



gcaagccata	acgaaacggc	agaagaacat	gccacatgaa	gggaaagcct	aaatcgagag	180
gtgtttgggg	aaggtgaaag	ttgcagacaa	gtatttcgat	tataatgttc	tgtctgggtt	240
tgacgatacc	aatgctcacc	ctgccttgat	cttgatgaa	attgacttac	taattacat	300
tcttcttata	ccttagatag	atccccat	gttaccttt	ttattcttaa	tttttgtct	360
gctcttttta	tatttatatt	ttgctttttc	aatgtgggtt	ttctttcatt	ttgttattat	420
ttttgcagta	ttatttaggc	ttttgatgct	tcaatttagt	gggatctttt	aatcgttttc	480
atgctctata	tttggttatct	tggtttttat	acgggtgatt	cttagtttgc	gttcttatatt	540
tgtggatatt	atatttatatt	tttttagatt	tggtgttttg	tcgatctatt	atatcaatgt	600
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ttatatttct	ctcg					674

<210> 5882  
 <211> 525  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (525)  
 <223> n = A,T,C or G

<400> 5882						
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gattcccgc	actgctatac	cccacagcgc	tcgcactctg	gaagttggga	acaaaatcct	120
agaccgcgca	cgaacggtt	ccagcactga	gctcgagatc	gtcatagtcc	agcattcaga	180
cgatgcagaa	gaccccaatg	cgagccttct	ccctgggaca	aaagaatggg	agctgtcatt	240
gcccataaaa	gtgggcgcgc	ataacgagag	aattgtttcc	aaaacgactc	gggatacatt	300
caagtccaat	ccatcactgg	cagatgagct	caagagccag	gggatcacca	ctattgtagc	360
ctttgggatt	caaagtgagt	gctgcgtgct	cgagacttgt	cgcggggctt	gggaagcggg	420
gtttaccggg	ggtttggttt	aggaagcgca	tccaacttat	gataaccagg	ctactggggc	480
ttagggcaga	gcagattgaa	aggcngggtg	agcaggagtt	atgcn		525

<210> 5883  
 <211> 755  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (755)  
 <223> n = A,T,C or G

<400> 5883						
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ctctgggagc	tcgccccctg	catccccatc	gaaccttgcc	caagatcgcg	agattgccgt	180
caaaatgtgg	gatccctacg	tggccagcca	atacaggtgt	cttacaccag	cagatatcac	240
aagtcaggcc	gaaaaggccc	gcaaaagcac	tgcacgccgc	gacgggtggg	ctaccctggc	300
ctctatacaa	tttgtagcag	cgaacacact	acggtcaggt	gatctgagcc	tcacgcttcg	360
cagcgcccag	gaggcagata	tcgcgcggac	gcaccgtcgc	tgggtaaaga	tcttcgagag	420
cgattcagt	attgaccttc	ctctctgggg	tgtggtggtc	cacgacatgc	ccttaaaatg	480
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caacatcttc	acctggggag	gagacgttga	cgttgctgca	tgctcgctggc	tcagtagccc	600
ggctccggga	acggagtcgt	ncgcgatgg	ggtggaantc	acgcatnnct	gaggcggnc	660
acttgccgca	tcggatccga	accatntggg	gagtcaaaat	ggtgaagacg	tcctntacgt	720
ncggccccc	tgcacccgcg	ctgggttcagt	ggcan			755

<210> 5884  
 <211> 666  
 <212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 5884

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ctaccctggg	cctccgactc	gaagaacacc	gcttccgatg	gaggccgcat	agccccgat	180
cggctcctctc	gacaaaagtg	ctgggagggt	cgcgacctgt	ttttctcttg	cttagacgac	240
aataatatcc	tggacgcaat	caaggaggat	aaggaaagcg	gacgaaaatg	tgggaaagaa	300
attgctggagt	ttgagtcggc	ttgttcaaag	gcttggttca	aatattttta	ggaaaagcgg	360
gtaattggaat	acaaccgaga	taagacaatt	gagcggatca	agaaggagga	tgcagcaaag	420
gttcataact	tgaaggcaca	cggatggaac	cctcggtaaa	atggttagcc	actatggtgg	480
gaggaagagc	acagggagag	aacgggtagg	atttgatttc	agcccaaaag	ctctgtacta	540
cataactacta	cctatcaaaa	gctatgccac	tccaatcttt	aanaaaaaaa	tntaaannaa	600
taanttatat	ttttcctgcg	gccggtcgaa	catgcattta	taaggccccc	tcattgtaat	660
ttgttt						666

<210> 5885

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 5885

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ttccggaggg	catttgctct	cttcttgata	cggatttgta	caagttgacg	atgcaatgtg	180
ccgtcctgac	gaacttcctt	gaaaccacag	tgacttatgg	gatcacgaac	cgtactccac	240
acctgatatt	aacgctgaga	gcacacgatg	tgtatcttaa	gacataggct	aaatgtgtga	300
tcataatcata	tcacgagaaa	cgcgacacag	tagccgagat	atatacgaaa	tatgacatga	360
gacgataaat	gggacgtcag	gacaacatga	gagagattgc	ttgacgagca	ttcaatgact	420
gcgtgatgac	aagtcgtaat	aatgcgatga	cttgagcctt	cgcacgcggg	attgccatgc	480
gacgacatga	tcacgtgagt	gtgatatctc	atcttatcat	gttgcgatga	tgttgacgat	540
gaagatatga	gtagatgac	atcgtcaaga	acttaacgta	tgtctcgaat	attgaatacg	600
acaagactga	catgatgacg	cggatgatcga	agacgatgat	caacgtatgg	gatcgcc	657

<210> 5886

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5886

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gtcatcgatc	tggacaacgg	taagggtggc	gtccgcagac	attctgacga	agtgcgaacg	180
aacggagtgc	tgatcgcaaa	gagtttctag	tccagactca	tatctangtg	catctttgaa	240
tgcgcctccg	tggtggcgac	cgatcgtaaa	caccagtatg	atgagcacgt	caaagccgct	300
cctggagaaa	taccggtggc	tcataccgaa	aagggttaaac	cctagaggac	gtaagaacct	360
acgggtggga	gaatgagagg	cttctgagtg	gaacatgatg	gtctaccgct	aaaatggccc	420
tctgcgtcta	ggggctcacc	gatactactg	aagccggcac	tatggtgcgg	ttatctggtt	480
aatcaacat	tgcaaacctg	tgttcaacaa	aatggtttgg	gggctacaca	gtggggtctt	540
tggggcttaa	actgaatggc	gcagtgtccg	gataccaaat	gacgtggttg	aaccttcctc	600

ggaaaccaac	taagtttcta	aaaaccccct	taattttacac	gcttgggggg	gtgtaggaca	660
aatctgtaaa	acgcccgtgg	gcggaataat	tggggcaggg	gaaaaccagg	gggatcgttc	720
gggtacgctc	at					732

<210> 5887  
 <211> 1151  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1151)  
 <223> n = A,T,C or G

<400> 5887						
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tcctcatttc	ccttcccagc	tctacctttc	gctatagaga	ttatgtgaat	catatcgcg	180
attgtcattc	gacatgcaat	ccacaagccc	catacctgcc	aacgacaccg	aacagctgcc	240
tgaaacccaa	gcgccacctc	ccactaccga	ggaagcttcg	cagcgccaag	cctgggtcatc	300
cgaaggatat	gggctgcctc	ccaccagtga	caagcctcct	tacggccccg	ttgaaccaac	360
gccctcacga	agggaaacctg	tcgcaagacc	tctctccaaa	catgctacgc	accttttcac	420
gctntcatac	ttgatattct	tcgccatttt	cggcactttg	gcgcgtcttg	gcctccaagc	480
cctgaccatc	taccggggag	cgcccggtgt	aacggggcgt	ctctggggca	acgtaggagg	540
atcgctacta	atgggcttct	tcctcgaaga	caagaacctc	ttcgcggaag	aatgggggtga	600
cgtgaaccaa	aacaacagca	atggcacggg	gaccgaccca	agcgccgaat	cgaaacgcca	660
caagtctgtt	aaaaagacaa	tcccattgta	catcggccta	tcaaccggat	tctgcggctg	720
cttcacctcc	ttctcgagct	acatccgtga	catcttcctc	gcgctatcca	atgacctgtc	780
ggacccctca	acccccaatg	gcggatacag	cttcattggc	ctggtagccg	tcacacctgac	840
cacagtcgcg	ctcagtcctc	gcgcgctcat	cttcggcgcc	catctcgccc	tcgccctcga	900
tcccttaatc	ccctcggttc	ccttcggctt	cacgcgtcga	ttaatagacc	cgctcttcat	960
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tcatgacaat	ggaccagagt	tctggcggtg	tcgcgcagtg	ttcgcagtg	ttttcgcgcc	1080
gataggctgc	ttcctgcggt	actatgattc	tttagtgatg	aatacccgac	tccccgcctt	1140
accgctgggt	a					1151

<210> 5888  
 <211> 700  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5888						
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gtggggatct	tcttgtgatt	caacggggtc	aagaatctgc	gccaaaacgg	gggttagata	180
taacaggtag	tcagtctacc	cctggctggc	gcgatggccc	gtggtggcgc	acagtgtctc	240
ctggaacccc	tcgcagtatc	tcggctgtgc	gtggctctgt	tgaggccagc	aagctcgctc	300
gtgcaagcgc	agagtcttac	gctaccgagt	tcttctctgc	aaaggggtga	gttgaagaag	360
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ccaccgacca	gacccccgcg	gccgtgggtg	atgtccccaa	ccgcttcgga	aaaggaaaag	540
gactttcggt	ttttacttca	tgaacccatt	aacggattgc	cttccaccca	ttttccaggt	600
tggccaaaaa	aaaggaacaa	tgggttggtt	gccacgttcc	aaccccttga	taacactact	660
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<210> 5889  
 <211> 1045  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5889
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ccgtcgggctg atcgctaaga tcgaggggtg tgaagatata cacaaggata tgctccggga      180
gcatctggcg aagcgtaacg tggttaagga taactactac cggctgaacg ttgaagtggg      240
agtgggggag tttgggtatga acgaatggaa ccggctggcg gatatacagta ccaacactcg      300
ccgtacctc accaggcctg aagtgaagaa gcaaattctt gacgccggtg ttaagttttc      360
tagaatcgag cgcattgcacc gtcggggcggc ggcgcatgctg gctgctggaa atgatgtgac      420
caatttccag gatgacagtt ctataaccca aagtccaagg ctatctgtgg tgccgcctcc      480
aattccacat gctgtggaat tgcccgtgta gctgccaggc gatttttacc tgctgtcacc      540
aacaggggccg acttcacccc cgatgaacga cgatgtactc ccagggtcatc caatcccaca      600
ggatacagtt ttgccaacac cggcgcgggg ttcaagtacg gacctgagcg acatgagccg      660
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gccgccacca gcacctccaa aaacccatgt cccgtacccc agtgagttgg gaggaattcc      780
agtgcctaata ccattgggaa cagcgacggt gcctctgtgg cacggatcaa atgggaagat      840
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ctatcacgtg cgctaagact gtctttttaga ctttttctat ttgaagtgtc gctctccttt      960
gtttgatcga tgtgaacgtg acgaagtatc cgcatgttgt tgatgggcgt catgtatgat     1020
gagcgggtgtt ggatggccta aaagg                                     1045

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<210> 5890

<211> 1015

<212> DNA

<213> *Aspergillus oryzae*

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<400> 5890
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atgtttcctg tccgtcgact cgtcccagta tccgcagtgc cgccgcccctg tccaccagtg      180
agaaggattg gttgcaagtg cgtcggaatg agacccttga acccatgaag gatttgctcg      240
ggcgggtcaa tctaagctcc tttgatgcct cggggtacat tgaccgtcat aaaaacaatg      300
catcgaatat tccaaacgtg gccattgccg tttcaggtgg tggttaccgc gctttgacca      360
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tcaacactgc cgcgtactgg aaggatctgt acgatgcggt gaaggataag agaaacgcgc      660
ggttcaacac ttcggttgacc gactactggg gccgtgctct ctccatcag ttcataaacg      720
ctaccactga ggatggcggg cccaattata ccgggtcgcc aattgccttg ggaaactatt      780
taaaaagggg aaaaaccccc tgctttattc tttcgcaatg gacgaacccg gggcaaaatc      840
ttttgtgaaa aaactccggt gtttagaatt aaccggggag agtgggtctc ttcaacccat      900
aatatgcggt tgtcccattt ggaatttttg ggacctttta aaaaacgtg acctcccggg      960
ggggtaatcg cgcgccgta taaaaaagag gggttgttag aggggccacc cctcg          1015

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<210> 5891

<211> 1323

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1323)

<223> n = A,T,C or G

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aaagtacaga tgaggagtgg cgggccgcag tcgagtcgcg tgagaaggca ttcccagcat      180
ggcgggcaat gagcgtgatt gctaggcagc agatcatgtt caagttcgtc agtctgatcc      240
gcgccaactg ggaccgtctc gctgcgtcta tcaactctga acagggaag acttttgccg      300

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atgccagggg	tgatgttctc	cgtggcttgc	aggttgccga	gaccgcctgt	ggcatcacta	360
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agcccctggg	tggtgtcgcg	gctatttgcc	cttcaacttc	cccgcaatga	ttcctctttg	480
gtgtatttcc	attgctacca	tcacgggtaa	ctgtctgatc	ctcaagccat	cggagcgcg	540
ccctggcgct	gccatgatct	tggcggagct	ggctaaggaa	gctggcttcc	ccgctgggtg	600
cgtcaacatc	gtccatgggt	ccgccaagac	cgtcgacttc	atcattgatg	agcctgccat	660
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cgccaatggc	aagcgtgtcc	aggccaatct	gggagccaag	aaccatgctg	ctgtccttcc	780
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caacggcaac	tttgcggtc	ccactatcat	cacgaacgtc	acccctgaga	tgacctgtta	1140
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catcgacctc	atcaacaaga	atgaatacgg	caacggagct	gccatcttca	cctgttccgg	1260
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<210> 5892

<211> 1453

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1453)

<223> n = A,T,C or G

<400> 5892

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ggtgatgcac	ttggccgcgc	catgaaggct	gagatcgagg	accacaccaa	ggccctcgaa	180
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gacaagcacg	gagcattgac	ttacaatgac	ttcctgatct	tgcctgggta	catcggttcc	300
cctgcgtcag	atgtcacttt	ggacacccca	gtcaccaagc	gtgtctccct	gaaggcccct	360
ctcctctcct	ctcctatgga	taccgtcacc	gaacacaaca	tggcgatcca	catggctctt	420
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gctactgtcg	gagaagccaa	ggagctgaag	agcaagtggg	gatttggtgg	cttccctgta	600
actgaaagtg	gaaaccttcg	gtctaaactc	ggttgaatcg	tcacctcccg	ggacattcag	660
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aagtacatca	agaagactca	ccctgagatt	gatgtcattg	ctggtaacgt	tgtgaccggg	1080
gagcaagccg	ctcctctgat	tgcagctggt	gccgatggcc	tgagaattgg	catgggcagc	1140
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cgcagcgttt	cttctttcgc	tgctcgcttc	ggtgttccca	ccatcgctga	tggaggagtt	1260
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<210> 5893

<211> 618

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(618)  
 <223> n = A,T,C or G

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 gaaaaccagc aacgatatta tgaccccagc ctgaatactc cccgccgaca tttaaactcc 180  
 gttcgatcgc tattccagga cagccatata tgtoctatac aacgccatgg taaactggct 240  
 cagtctcgcc gtgccgttcg cctacctagg tgttctaata ggctccctag caaccttctc 300  
 ctcatatac cgcaagcgca aagcccaaaa ggcatactct ctagaacat ggttccccgc 360  
 tcacctccaa cgagatatct atttctccct tcttcacatt gaccgcctg cgacctcttc 420  
 taaggagaag aaggcgctg ctgtaccoga gtcgggtgct aaggctgcgc tcttaagacg 480  
 tgcagaggag gatatacaac gggttttggc cctgcgcagt cagaaacagg ctttgggtgt 540  
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 ngagatggan gatgaggt 618

<210> 5894  
 <211> 657  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(657)  
 <223> n = A,T,C or G

<400> 5894  
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 gatactacta atacacctcc tctcttcgcc ctttatccgg ttctcctttc cgtccgacag 180  
 gctaagggct gcctaattgt gctccgtcac aatatcttcc gggatatcaac accggcgagc 240  
 tggatctcgc gggtttccac agcaaccatg cctctccgcg ccaaagtgaac aaaccagct 300  
 ttcaaagctg ccacaatgtc aacttccacg aaccttccca aagagttgcc cggcgatgag 360  
 cccgacgatg ttttgttcaa ttctttgtac ggagtgcgct tggtcgagct taaccgccct 420  
 aagaagctca attccctgaa cgggtcaatg ggtcgaaaga taccctctcg actgaaggag 480  
 tgggaaaagt gccaaactgg caacattgtc atgggtgccc ggcaagctca aaaactctct 540  
 gtgctggcgg agaccatgca accctcgctc ttgagaatga acacgggccc cgtggggaac 600  
 caaaaattca ccgcactttt tctggctgga gaaccacaac tcgaacacac cttcgcg 657

<210> 5895  
 <211> 249  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5895  
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 gggaagaaac gtgctggtga cagccggctc tagaggccta ggccgcttg tatgagagaa 120  
 gtttgacgca gaggtgcca acgtgctcat caactaccac tccaatgtgg aggctgcgca 180  
 gcaactggcc gacaaactcg agaatgagta ctcggtgaag tgccacatcg cccaagctga 240  
 cacgctcgt 249

<210> 5896  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5896

caattgccct	ctacaccaag	tcctagggac	tcaattgctc	aacatgttgc	ctttggctcg	60
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ctccaccacc	gtccctcggt	tctccgagaa	cagcatccaa	gccaacgacc	cgaaccccc	180
gcaaccgccc	aagcccaatg	tatccgccac	gaatgccact	cctgttgatg	ctatgggttc	240
ccgggatgcg	cccttgaggg	aggatgtcga	ggctgggtgag	cgcaaccgcc	agcttcaggc	300
ccctaaccgc	gccaggacct	gggcgcgccag	ccagcagcca	agagagaatg	ctatgactgg	360
acctcgcttc	gagcagacaa	tcattggagat	gcagcccca	ccctatgccg	ccattgagct	420
cattcacaag	cagcccgctc	ggtggaaaaa	aaagaaagcc	gtcagctgtg	acaggggggg	480
cggacccttt	gggcccccca	aaatctatat	caacacctac	aacccccaaa	ttgctacctg	540
tcggtactga	ggacggcttt	actcccacaa	gacagcaacc	ggcattacct	tgggagtcct	600
tccccgggta	ccagcttacc	ctttaaaaaa	caactgggga	cgccccccga	ggagaaacat	660
acttcacgtt	gcccccgagg	ggct				684

<210> 5897

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<400> 5897

cacaagcgcg	cagttattat	tagttacttc	tcaaccatct	ttgcccatac	ttagctatct	60
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aaaagctatg	cagcgcatat	ttcggatact	tgcaactcgt	tcgacctaca	ggggtctatc	180
ctgatggcaa	aatgctcgaa	atcgccctaat	ggctactact	acgatactga	ggctgacctg	240
aacaagcgtg	tgggaaataa	agacggcggt	cttataagag	gggaaaatgt	cttacgaaat	300
atggagcgta	gtatctgcct	gtcaatacga	acgcagatga	gggtgatgtg	ttatggaaca	360
aagggggtgt	tggccccatc	ttaagtcttg	aacctggacg	atatcattag	caaccaaggg	420
ggaacgctaa	cctgagacca	agagggtccag	gtagcaccgc	gataaaagcca	gcgatgagac	480
taatcttgct	atatgattgg	ccatgggtatt	gtagttagga	aatatacaga	agtaaatacta	540
gcactgacga	ctacgatgat	gctgattaat	gttcacatca	tcactgtgga	ggctagcatc	600
atgccgacgt	ttaccatata	tcggatcata	cttagtaoct	agcttagggt	acattaggggt	660
taacttgt						668

<210> 5898

<211> 1057

<212> DNA

<213> *Aspergillus oryzae*

<400> 5898

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catcctcggt	gacggcaacc	gcagccgcag	cgaccgcagc	tgtggcatct	ccccctgtta	180
atggtgctgc	gcgcccagcc	gaagagttgt	cttgtctttg	gcaaggatgt	tctgagaagt	240
gtcccacccc	agaatccctc	tatgagcacg	tctgcgaacg	tcacgtaggt	cgcaagagca	300
caaataatct	caacttgact	tgccaatggg	gcagatgccg	aactactact	gttaagcgcg	360
accatatcac	ctctcatatc	cgagtacatg	tgccctttaa	acctcacaag	tgtgacttct	420
gtggaaaggc	cttcaagcgc	cctcaggact	tgaagaaaca	tgtcaagaca	catgcagatg	480
attcggttct	ggttcgggtc	cctgaaccgg	gttcccggaa	tccagatata	atgtttggag	540
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tccccagcca	gggttatgct	cacggagctc	ctcagtacta	tcaatctcat	catccacctt	660
aaacagcgaa	cccgtcttac	ggtaacgttt	actatgcgct	taatcacgga	catgaggccg	720
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ctgcccttgt	ggaaaagggg	gcggagttat	acccgtgggg	acatcctccc	gccccgggta	960
taatctcctt	ccatgaaaaa	cggcccgccc	aaaacgactt	gttaaaatta	atTTTTTTTT	1020
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<210> 5899

<211> 446

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(446)

<223> n = A,T,C or G

<400> 5899

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ccgataatga	ggccatcacg	gtcggcgaac	tggaagaggg	ggtgcgtggg	tacaagagac	180
tcacgcgtgc	ttctctatag	gcgtttcaga	atgcgttgag	tacatctaca	tagccctaga	240
gtacttgggg	gtttggctct	tgtgtactgg	atctccgtat	tgggggttaa	ttatcaaggc	300
aagaggcggg	gtgaagaaca	cggttgttat	cggtcgcctt	ataaacaatc	tttaaagctt	360
acaagttcgt	agatgttgag	agccttgtag	gaactgaacc	tatagtctag	attgggcatg	420
cgacttctgt	ataattctcg	atcagc				446

<210> 5900

<211> 614

<212> DNA

<213> *Aspergillus oryzae*

<400> 5900

gatcaatctt	atcgatccgg	tgatataaga	agccactgaa	gtcttacatc	aagcatcatg	60
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tatgagcacc	acaacgtctg	ggtgagagga	ggccctcccc	agccatacat	ggcccgacgt	180
ccttctgctg	ccgaagcagc	aagtgccacg	gatgacagac	gtgagtctgt	ctcatctagc	240
atgtcttccg	gctctaacag	cccccaact	gctccgaaca	gaagacgggc	tagtcagggt	300
tcgtcactct	tcgaaagtct	gacaaaccag	aagcgggaact	ccacggatcc	tgcttcggcc	360
gcacgccgcg	cgagttacaa	tgaccaggcg	cagcagggcg	gtttctttgc	gaagtgggtg	420
gatgggtata	ctcgtgggtc	gaaataagcc	atggtcaagt	tcatgctgtg	aaggaaggca	480
gaatgaatta	ctggatggga	atttactatg	ttgaacgttt	atatgactgt	atgctgaaga	540
gtttggcgct	ggatcttgta	tttattcgtt	cgtctacaag	catatcgtgt	taattgaagt	600
ggatatatat	aggg					614

<210> 5901

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<400> 5901

cggccgccac	aacctcggga	ctatttgaca	gtggactttt	gtcgggtctc	ctgcctacaa	60
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cgtccgctct	gttgcctctc	attctgtcac	cctccgcgcg	tatctcctcc	ggattgttgg	180
acacggggct	tccgtccggc	gctctttcga	ctccatttgc	caacggttcg	gaaacatcga	240
ccgccaatgg	aagctccacc	gacctcctga	gctcttcogg	tattctgccg	actatctcca	300
tcagtatccc	gccagctacy	ccgacccccct	ccgcgggcac	ctcctcggga	gccatcccgg	360
aacctcagtg	cctgccacc	agcggcggtta	tcccaggatc	gtccggatcg	agcggctcaa	420
ccacatccag	cccggtcac	ccaggagcgt	ctacgggaac	tcaaactttt	accccgggac	480
cgtccgggct	ggtcacagc	cccgggcgtt	cctacatcga	ccagtgggtg	cgttccttcg	540
accggctcca	gtggttcgtc	tttgccgtcg	tcggtctcgt	cgacttctct	catcggtctc	600
ttcgaaaccc	accgacgtgc	ccaccaaccc	aaggaaaccc	cgatttcgac	gaacacaccc	660
gacttcccgt	ttttttcacc	aacgtggacc	ccgaacaggc	acgg		704

<210> 5902

<211> 714

<212> DNA

<213> *Aspergillus oryzae*

<400> 5902



cttccgtcca	ttggcctcgc	gcagcatgtc	ctttcggccg	atgttccagc	agcgggctgt	60
ggcccccatc	gctgccactc	ttttggctgg	agggtgtagc	ttctatcccc	ggcgaaccgc	120
cttcgctgag	gagcctaaga	atgataggaa	accgatctat	gatgacttcc	cggccgatat	180
cccgaacccc	accaagtccc	ttcctctgtc	tcctcccaag	tcattctccat	tctcctcctc	240
gtcccctact	cccacagaca	tcttgactgc	tcaggtcoga	cacgcccgtc	ttttcctcta	300
cgaaaaactc	ctcgccgcgc	agaactgctt	caacgacttc	ctgtcccggg	ccctgcacat	360
cgagaacgct	ttcaccaaca	ccatcgccctc	gttggccccc	tcgcctgagt	ctggcgagcg	420
tctcctcccc	ggcggcgcct	atgtcatcgt	ctctgccatg	gccggttcta	tcgtgtcccg	480
caaccgtggg	atcctcctgc	gcactgcctc	gccgctcgcg	ttcgggtaccg	tggccgcctg	540
gacctcctcg	ccggtgacga	tgcgcaacat	ctccgacctg	gtgtgggagt	acgagaagag	600
gttcccgcga	ttgctgagca	gcacctctac	ctccgtgaac	gggctgagca	tatctgggtct	660
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<210> 5903

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 5903

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ccaagtctcg	tcacctccag	atgtctacca	acctcccata	cacacctcac	cgctgtccc	120
tatggcatct	ccgccacctc	ctcggatgtc	agcacctccg	ccgatgagct	ctttaccaag	180
ccgctcgtcg	gacggggccac	agattcgggt	gaatccgctg	gttatgaagc	ctaataaag	240
ccattctctc	ccagtcacga	cgccatttaa	aaactctccc	tataatcaag	cacattttca	300
gaaccaagac	tttgaaccaa	ttcattggga	acctagttaa	tctcgcaaat	gacccctcag	360
tatatcccca	actctgatac	acaaataccc	caaattcagg	tcgccacgga	gcatacagtc	420
caaattcttt	tctcctatga	ttcgcgttca	atgaccccat	actacgctcg	ttgactagct	480
cctagactct	ctgaccggcg	ctttatcaag	ggcaggccat	catcgccact	ctcgacgaag	540
gatcttttga	ctgtgtcatc	tactttcggg	acaaatgaga	gttcacaccc	ccactcgttt	600
ncctaattct	tttcttcctc	tatggatctg	gctggtaagc	tgggtgctta	cgtctgtctt	660
gcgcgttggg	tgggtatgag	cgtgaa				686

<210> 5904

<211> 707

<212> DNA

<213> *Aspergillus oryzae*

<400> 5904

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acccatccaa	gctgcagata	caacgacgac	atcgaggcgg	gcctcaagtt	cctgcagttg	120
ttttgcatat	tcagatgtca	ctgcatccca	tttacttag	ctcctatttg	aactcgcagc	180
cacgtgaggt	tgaagatggc	caagtcccac	gccgacattg	ttaccacttg	gccccgtctc	240
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gtgatttcgg	tctagtgtgc	gatatctccc	acttcaacga	gaatcagtcg	gacaatacct	480
ctttgcagca	tagaacgaag	gtgaatcgtg	tgggtgggac	agagttctat	cgcaccaactt	540
tgattcatcc	ttatgtagat	agccccgaga	actcagaaga	gaccggcagc	tgttacaaga	600
ttgacgagtc	tctggatgtc	tttgaccttg	agtgatcctt	tttgagcttc	tgtatcgctt	660
gacacaaaga	tagaaaacga	attcgtttct	ggtgaactaa	cgcgctg		707

<210> 5905

<211> 735

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 5905  
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 gaccagggat atggcggcgg ctatcctcaa caacaacagc attcaggccc tcaagtgccc 180  
 ccccatgga tcgcccgggtg ggatggggag tcacagcgct gggtctacgt gaacgagcag 240  
 accggcgaga ggacctggaa ccaccaggc cagggcgggtg gctacggaca gccgcagcct 300  
 tcgtacgggtg gcgggtgcacc ttacggggga gaacagtcgt atggccagca gccctcgat 360  
 ggctatggcg agtcgcgcca gggagatttc tatcagcagc aggaggagcc taagaaggat 420  
 cacactgcgg cgaaaattgc aggtgctgcg gttttagggtg ttgctggtgg agcgttgga 480  
 gcgtatggtc tgcatagaag gcataaaaag tgggatgaga acaaggaga gtggaaacag 540  
 gatgttcagg atttcctga aaatgctgcg gagtggaccg gcgagaaggc cgggtgaagcc 600  
 gaagcaggct gggatcgtgc cgaggatcga gtcgaacaag ctgggataac gccgtcgata 660  
 aggtgaggac ttccccgaaa atgctggaga gtggaccggc gaanaaggct ggagcccgtg 720  
 gaacgattcg gggac 735

<210> 5906  
 <211> 666  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(666)  
 <223> n = A,T,C or G

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 ctaatcgtgt gagcatggat aatctgtatg atctggctcg atgtacctac tatcctatct 180  
 atgggatcaa gagctaacga acccagaaca ggggaatttct atacatcgta tagagacttt 240  
 accagttgga ctgagacaat actaaattag accattgggc caatggatag catacctcag 300  
 aacactgtgc acacatcttg catccgtaca tctagatgaa ttctgttacc atgaacccta 360  
 tctacgcagt catgagcaga tgtgactcct gacgagccat caagacaatc gtgaacgaca 420  
 aactaactt ggacatcaga cagagcgtga tcatgcgtgg acgaggatac tagtttcgta 480  
 gctgatactg gcgatgagat ctctgcaaac gagctaagtg attaccaact gcacaatgcc 540  
 atctgcgtct atgaacacta tctcgacgac tacgatgagc atgcgggatn ggctgctgat 600  
 cgtaccatgt ctgactagaa tcgtctatga cacctgatgg ctgatgctat aaagcggacc 660  
 tactta 666

<210> 5907  
 <211> 1170  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1170)  
 <223> n = A,T,C or G

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 aagtacaaga agaacttcgc cgatgatgaa gagccagaga agaagatcac ccctctcaca 180  
 gaatctgata ttcaagtgtc gaagacatat ggcgcgcgtc cctatgcgaa tgccttaaag 240

caactcgaga	agcagattaa	agacaagcaa	gcaagcgtaa	acgagaagat	tgggtgtcaag	300
gaatccgaca	ctggtcttgc	acctccacac	ctttgggatg	ttgctgcaga	caggcaacgc	360
atggcagaag	agcaaccggt	gcaggtagcc	cgctgtacga	agattattca	agatgagaag	420
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aataagtacc	aaattatgct	gcctctgcct	cctaagatcg	acccagcgt	aacaatgatg	600
accgctgaag	ataagcccta	tgtgacatac	ggagatggtg	gtggttgcaa	agagcatatt	660
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tgcgctcgag	ctgtggccaa	ccaaaccgac	gctactttca	ttcacgttat	tggtagcgag	840
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tcaacttgat	ggtttcgatg	ctagcggtaa	tatcatggtc	atgttcgcaa	caaaccgacc	1080
gtcgacgcta	gacctgccc	tgatgcgtac	tgtacgaatt	gaccgcgaga	tcgagttgtc	1140
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<210> 5908

<211> 1220

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1220)

<223> n = A,T,C or G

<400> 5908

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tatgcgtttt	ttctcgacct	tcacttctca	ggactacatc	tcggatcacc	tctggaaagc	180
ttccggaaac	tactgaaacc	tttgtttcaa	gcaccaactg	tacactcttc	tactctaaac	240
tacttgacat	aacatgttcg	ctgcccgaat	cttcaaggca	atgcccgcca	gggcctctgc	300
cttcccttcc	gtgaacgctt	ctatccagtc	tcggttccatg	gcaactgtgc	gtaacggctc	360
cgttgcccac	gagcgtgcc	ccttcaagat	ccgagatggg	cctatctttc	acgggaagtc	420
gttcggagct	cgctctaaca	tctccggcga	ggccgtcttc	acgacttcc	tggttgata	480
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ggtagccgct	ggagccagta	tcactgtggt	cccctacgac	taccccatcc	acaagggttg	1020
ccaccacttc	gatggtgtct	tcactctcaa	cgccctgggt	gaccccatcc	actgccagga	1080
gactgcttac	cacctgcgcc	gcttgatgga	gacctcccag	gtgcccattc	tcggtatttg	1140
cttgggacac	cagctgttgg	ccnttgccat	tggtgctcgt	accattaagt	tgaagtatgg	1200
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<210> 5909

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 5909  
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ctctgcaaac cctgaagatg gaccggatcc aatgcgcgag cgggtccgcg agctagtcga 180  
tgagtacata ttacgtacct tcacatcggc ttctctctcg ataagtatca acggccttga 240  
ctcttcacgc cctcagtttc cctttccggc tgccttccact gcacctgagg agacagtcga 300  
gtacgaacca tatgacgggc atcttgcatc acgtgtgact tcgctctacg cacagttaga 360  
atcgctcacg acgacagtcg cacagttaag acgggatgag ccgcagcgtg cagcagagat 420  
gtatgcagcg gaactgaaga aggtgttaga ggaggacgaa catgatgact tgggaagatga 480  
ggaaattctg gaaaatggag aaaacaatga aaggcaaaaa acagaagacg ttgacatgcc 540  
tgatgcagac cagaacctag agcagacttn cgagcatggg cccagtacga ctgggtcact 600  
ccggagaaca gcgaanacga agtggatnta catgtgcccc tggcaccgac catgaagcga 660  
actatggcgc actggagaga tggg 684

<210> 5910

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 5910  
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tcgaagctct tcgacccggg gcccggtgcc ttctagctcc catacaatac aagcgtccca 180  
cccccgtcgc cgacggccct ccgaccctgc tgagtcttca gaaacccaag gcgagggacg 240  
aaaacgctgc cgtttgagta gctctaattg agcaactagg agtgctcaat ctgcattgga 300  
tcaccacgac gatgacatcg aatctattga tttaacagag gtggaggggtc cctcagcatt 360  
agcgaagggtg ctagcgaagc aacgggagga cgctgttagg gcccaagaat ctgttgagcc 420  
ggagaagggg caatcaatat taaactcata taagtgcctt gtatgtatgg atacaccgga 480  
ggatgccact agcacaatat gcgggcacct cttttgccac aagtgcacatc tcgacacatt 540  
gaaattcagc gaagaacana gaggagatna cctcttcaaa ggctcctcag gaacttgccc 600  
cgtgtgcaga anaccccttg ccggaacga cgcgccangc tccaaaagga atctggtacc 660  
ttttacactc aaacttgtca cgaaaaagag gaatn 695

<210> 5911

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<400> 5911  
ggggggaaaa aaaaaatgaa tttggttttt tttttggggg aaatttttaa cccgccccct 60  
tcctgttttg ggcccaaaaa aaaaaaaacc aggggggctt ttttttgaaa atttttgggg 120  
cccggggtcc tttttggggg gaggggggat ttttaaaaaa ttaaaaaggc ttccccagg 180  
gggcatccc ggggggggat cattttaaaa aattaccctt ttttttgaaa aaaccccttt 240  
tttggtgggg ttaaaaagtt tgccccaaaa atgcccggg aaaaaacccc caagtttttt 300  
tcgcggtgg ggggaaaaaa aaaccccccc ccttttggg gaaaaagggg tgggggcaaa 360  
aaaaagtgg gaaaaagagg gttcccttaa aaccaaacc ggattgggg gaaaaatccc 420  
ccaaaaatgt tcccacaagg gtttttaggg aaacatgttt tcgggcgcgg ggataaaagc 480  
agggggtttt gtttttttgg ggaaccccca ggggatttgg gaacgggggg ggttaatggg 540  
aaaaactctt ttaaaaaaat attctcattt cccctgaagg gggggcaaat ggcccagggg 600  
gggcaaaaat atcctgtttt aatttggtca aaccgggttg ggttaagaat gcgggaaaaa 660  
tacc 665

<210> 5912

<211> 672

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 5912

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gtacccctcc	tcatcgctt	tgccgcccct	cctgtgaatc	actcagtgga	tatggcttcc	180
tattcgaccg	gcagcgaggc	atttgcccgc	gaaaagctct	cttctactgc	ggaacagtcc	240
acttccccgt	catcgtgggc	agacaagtac	cgaggggcta	ctgtcgaaga	tctggacccc	300
cctccggcac	tgtctgtctc	acctaacgac	ttagtctcct	ccgccatgct	cgcagcctac	360
gaacgtgatt	tactcattt	aacggtcacc	tcttctacga	aacgatccct	acttggctac	420
ctcagcattc	cccggctcaa	gcagcttttg	aaagaaggaa	ctatcaaaga	atcagattcc	480
gtgtctgtcg	ccatgcacgc	gtttaaccgc	aagcggggtc	tgtaccaggt	aatcacaatg	540
gagactccct	tggaggaant	agagcaattc	ttcgagagtg	aaaccgggtc	ccaatggcga	600
ggggcgagag	aaaacagagt	ttgcgtgggt	acagatgctt	cgcggaaatc	ntgctcggat	660
ggtgaccaag	gg					672

<210> 5913

<211> 650

<212> DNA

<213> Aspergillus oryzae

<400> 5913

cttgttcgca	cacattgtat	gaggctggta	tgtgcgata	cgctcgata	gagatcgggc	60
ctaactgggc	ggattttggg	tgtaccacta	gcttcttggc	ccatgcagcg	gcttctctcag	120
cggaaggtc	gttgaaaaaa	aaggtcgctg	ggtcagggac	agtcacacac	cccttttcat	180
cctagaaatg	cttattaacg	agtgcataatc	agttaaggta	agcgactacc	tacatcgatt	240
gttatgaaag	gaggcaattg	gccgccgaac	atacccgcg	ggctgttgcc	actagggggg	300
ataaaagcag	tcatgtagat	cagacggttg	atcgccagtc	cgtctagggc	atcagtgcc	360
acaattccgc	cataggagtg	catgaccgcg	acaacagact	ttccatcgtc	aatgagcgac	420
tgtgccgtct	gtcggatgag	ccccacgtca	tccgacaatg	tcttcggcgg	ggggtacctt	480
cttgttgcag	gttaaaaggc	gaggacagac	tgattttctta	cccaagtctt	caaacgcctt	540
gcgtacgggg	gattaaatta	cggtgatgcc	atgcgcccg	aatgacaaag	atggtagggc	600
caggtatagt	tgtaccagca	tggttgtccg	cgaaattttg	taaaaaaaat		650

<210> 5914

<211> 872

<212> DNA

<213> Aspergillus oryzae

<400> 5914

gcatgccgag	ctggaagctc	ttcgggagtc	caaggctgcc	gagactgagg	ccgagcacag	60
taaggcaatt	gaagaactcc	ttactgacca	cgaagagaag	ctctctagcg	tccgagctga	120
tctggaatcc	tccaacaagg	ctaaggttga	ggagcttcag	aagtcacacg	aggcggtct	180
cgcggaagtt	catgagcagc	tttctcacgc	gcaggcagct	gcccaggata	gctctgtctt	240
ggacgccttg	aaggccacca	ttgcggacat	ggagaagaag	ctgtctgctg	ctgagcaatc	300
cgttacggaa	tcaaggaga	tcgccagcaa	gcaggggtgct	gagctttcca	ggatcgaggc	360
cgagaagaat	gagtgggagc	agaagcacca	ggccgtgagc	agccgggcca	aggagctcga	420
agagttggtg	gcggcttctg	ccagctccaa	gtcgggaagcc	gagacggtac	agcagcagct	480
gtctgcgtcc	ctggaggagc	tgctgcaggt	cagaagcaag	caggaagcca	tccacattga	540
actcgacgag	ctgaggacgc	agaaccgggc	gatggaggag	aagctcatgc	agggcgagag	600
ggacctgaac	gatcagattg	acaagaacat	gtcgatgctc	aaccagttgg	gcgaggtcga	660
ttcggcgatc	tcgagcagcc	gcaagcgcat	tcgtgagctc	gaggctgaag	tggcgggcct	720
gaaagccgaa	ggcaaggggc	caggccttga	cagtagccgg	tgggcagccc	aaagcgaaaa	780
aggccccctg	tggaggaaac	gccggtccgg	cctgcacgga	agatagcaag	cattcaggaa	840
cagcttaagc	acatccgcac	tgacaacgat	ga			872

<210> 5915  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5915  
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 ccgagaaggc cgacaccatg cgccatctct tcggtcttca tcgcgaccct tacatgttcc 120  
 accaggccaa tcttcgcaat gtcggcggtg acccggttga gatcaacggt gagactggcc 180  
 aatgggtccat catgcaggcg tgggtggaaa ccatgggtgca ggaattcgtg cgtctggtag 240  
 actggcccat cgttaccatc acccaccagg agatgtccgc caacttcctc gaccgctaca 300  
 accgtgatca gtgcaactac tcgctgcagt acaccatcgg caacaagcag attactgggg 360  
 tgactctgag cgccaaggac aacacttgca atgcgccccat ccccgtcagc ttccctgtcg 420  
 cccccaccga caccaaggcg ttaccaccgg aacagtacgg cagtgacca ctcaccgtct 480  
 ggggtgcagct gtcgggctcc cccgtcactt tctccctctc gaccctatt cccttgtaaa 540  
 tggattgaac gatattgaat tatggaacgg ctttgaagga ttccctggacc ataatatcta 600  
 atgttattaa tgggttccgg gtacgatttc gaatagggga agagatgaat gaaatgttag 660  
 gtacatacat acatact 677

<210> 5916  
 <211> 647  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5916  
 caacaagtcc agctcgttct ttgacaatat ctcgagtga gctaaggatc gcgaagaagg 60  
 ctctgccgct cgtgccgggt gccgcgagtg gcgtggtgaa gaagagaagc gtaacattga 120  
 aaccttcggt caaggtagcg tcgacggcta tcgtggcggt taccggggce gtggcagagg 180  
 cagaggatat ggccgaggtc gcggtggcgg ctatggtcga ggctactgtg gccgtggccg 240  
 tgggtggtatg cgtggaggcc gtaatatgtc tcagtccact ggcgctccctg cccaaaacta 300  
 gtgtcgtctt cggcatcccg acctgattga tcttcagtcg tatttcttga aacgcttagc 360  
 gttgaatatt ccctttattt tgccttttct ggaagtgatg cgtgcttcca cggcctgtat 420  
 gtgatattac ccggcgctctg atggtacctt ctcacgaata cttggcatac agtcaagatc 480  
 tcctcatggt tgggatgttc tatggttacg gtggggattg gtgaattacc tgctgggatg 540  
 gttttgcgtt gcgcggcgct gaattatggc gttctacata tgttgcatgg gttgggtcatg 600  
 gcctccattg cattgatcac atatcttgat gatcatcatg tgttggc 647

<210> 5917  
 <211> 887  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5917  
 atcagtcgct ctttttttac cggtcattca tttagtactc tcttttttct tcctaaactc 60  
 cttttgtgtc aattgattca ggggcccgat accaccaagc cacaaaagga attaccgtaa 120  
 aggaacccca aaagaaagac aagaaaaatg cgttttctgc tcccccttgc cattgggctc 180  
 acccccctgg cttccgccct gagcatcaac aagccgggcg ccaactcgac ctacgccgcc 240  
 ggatctaccg taacgggtcaa ctggagtaca gtggacactg accccaccga aatcagcctg 300  
 tacctgtgga actttgtttc ctggcctccg tcttacgttc ctctggctca gaatgtgcc 360  
 actgccgata agtcatactc ggtgcagatc ccctgcgaca ccaacccga atgggggttat 420  
 cagatcagcg ccatcaacgg gaccaatgtc tacattatct acgcgcaggg tgaccgggtc 480  
 acggtctcag atcctgtaaa tggcaccagc tgatctgacc ccgtcacgcc acccccagct 540  
 tcttcaccgg gtgctccac cacggcggtt tctgcttatt ttgtcacgac tcccccccc 600  
 cggccctttg caaagtgcc ccaacagggc ccgggctccg gtgggcccc aatcccgtgg 660  
 cacgagacat attttgccca ggggtaactt gcgccc aaag tgtgggtcact ggcaagcaa 720  
 aggtcgtgac gatcactatt acggtgtccg tacctgctgc tccgggagac gaccaatgtc 780  
 tttttgtttg aacacggcta tgctgtgta aagattaatc ttacttcttc gatactatgt 840  
 atttgtatac tcgtttctga atggagatac ggtttcacca tataaac 887

<210> 5918  
 <211> 651  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(651)  
 <223> n = A,T,C or G

<400> 5918  
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 acctatggag ggctcgccctc ggccggcgcc ttcttctaca ccacgcgcaa tgacgtcttc 120  
 gtgcccattgt cgcccacgga tcccattctc cagtccgcgc cctaccgcaa gttcaatccc 180  
 gaacaaaacc caaccacca cgacctctgc gtgcgcaaag tacctctgtc cgacattaac 240  
 ccgaccttat tagagaagaa gggcaagctg gccgaagcct tctgtgctgg agtctggagc 300  
 ggctggggat atgcctttcca acgtgcctac ctccgccgga aataccaagg tcccgagacc 360  
 gcgaaccacc tctgggaacg gccagaactg aaggcctcca cttacgatgt cggcaccctc 420  
 attaccgacc acttcgaggt tattgagaag acccccgcgc ggatggtagt ccgctgcggt 480  
 gacagccccc gtaaacagga ctgtcgcgat tcagacggnn ctctcgaaat gtncgcccg 540  
 cgtaagcccg agaagggagt gcggagtgtc ttccagagct tgtctacaaa ggaaaaggag 600  
 gctgacagcc accgatgccg ccgatatttc tggctgataa gcagatacca a 651

<210> 5919  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 5919  
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 gtgaatcttg catctttctg gaccttcaag ccaattctcc caccagagaa cccgaggctg 120  
 accgcacaag atgtgactgt catccttcct actctcgagg gatgcggtga tgagctgggt 180  
 gagacaatta gaacaattct cgacaaccat ccttatgagc tccttttagt gaccatcgag 240  
 tcaaactcga agaaagccga gagaatgttg agcttgatgc ccgcttcaaa accgagaatc 300  
 cggcttttta cggtcacgca ccctaataaa cgccgccaga tgacgagggc cattccagag 360  
 gtcctgacgc ctattactat cttcgctgat gatgatgtga gctggccgag cacagtactc 420  
 ccttggattc tggcaccatt cgagaaggat gagcgatacg gaggtgtagt gacatgccaa 480  
 nggctncgtc gtgcttgac actcacattt ttccagagag ttgggggctt tttggagctc 540  
 tttacttana gagagaaact ntgattgcgc ggncacgacg catgtngatg gaggtcttcc 600  
 ntgtatgtcn ggtcgaactg ttgcgtatag gacggacatt ctgcaagacg aaggctttac 660  
 ttatgcttta cg 672

<210> 5920  
 <211> 548  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5920  
 ttgattgact acattgtttt tccccctccc tccacttggt tacgccgcaa tgacatatac 60  
 cccggtggat tctttccac ccaatgtagc aatgccacc acggctgagc actagtcgat 120  
 ttcctcaagg aatcgatgct caggtgaatg accgggggac catggaggcc tataaatacc 180  
 ccgctgaggt gccatcattc ttcgaaggct cccaacccat gagcaccttg ttcgcttgac 240  
 tctacaccaa tcaaatttaa ttgatccgat tcgtgacatg agaatgcctt tgtccggcca 300  
 ctgtctgtgt aaagccgtca cctataaggc tgacgtcgag gcgcgcgtca tcaccgcata 360  
 cgatcactgc gacgattgac agcgtcagag tggatcaacc tattctctcg tcgcggtagt 420







tatcatcgtc caggcgctgg tgctgatcaa tcgcatccaa gcgttggttca aaaataaaaag	660
cggtgtttgc caccatg	677

<210> 5926  
 <211> 668  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

<400> 5926	
cgagaattga acaagcagta tctttggatt gatgctctct gcatcattca aggtgaccag	60
aaagactggg aggaggaagg tgcaaggatg gacaaagtat ttgcctctgc atactgcacg	120
atcgcgtaa gttcagcatc cggttggcat gatggcttcc tcaatcgac tcagaatttc	180
tgtcaatcag agggagtcag ctccgatcaa aagatcattg atgacttttg taagcttggt	240
gatgaaggcc aactgcatac acgggcctgg gtgctgcaag aaagagcgct ttctcgccga	300
actatctatt tctactgcaca acagacatac tgggaatgtg gaaggggagt tcgttgcgag	360
aattttacca cattaagatg tcccactact agattatata tacttgactc acggtttcct	420
gagcggctcg tactcgcagg ttataaaaacg ggcagcctta tttctccaag agcttatcac	480
tgactactct cgtcngatc ttacttttcc gaaaaggata aggtagttag attttccgca	540
tagctgaacg tattaaggaa gtctagctac tgaattcaga tacgngtct ttcattgctt	600
tctttctcgg ctctcttgt ggaagcggct ggaatgagag tgatcaaatt tttacgacaa	660
tgattatg	668

<210> 5927  
 <211> 468  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(468)  
 <223> n = A,T,C or G

<400> 5927	
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tacacgcaag agcaagaagg agaaggaagg aaataaccca gaagaggact atcctactcc	120
gatatcgatc gagaacgacc agacagagtc tagtggacgt gaggagtctt ctgattcgat	180
agaaaaatcc aagaagaaga aagagaaaaa ggaaaagaag gagaaagaga aggataagga	240
aagcaagaag aggaagaaga gtgaggagtc ctcacctgaa gacggctcga aatcaaaatc	300
aatgaagtcg aaggatgcc aaaaagtcaag gaaggagtag atttgctttt ttcaggatat	360
cattttttgc ttacggccgt acatagatag ataccattt gctacagcta ctgcggtctt	420
tatgaagatt atattacata tcgtgtcnnn nnaaaaaaan nnnannnn	468

<210> 5928  
 <211> 576  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5928	
cgaggcacca gtgaccccg agcaaggatc gacagtggct cggcggatga atgcctcgta	60
cattgaatgt agtagcaagg aaatgcgcgg cgtggacggg gtattcgaaa tggccgttga	120
cactgttgtg tcggccgaag aacagtttag ctggaacaac cgtcaaaatc atagtgccag	180
tggcaaagct actggaggtg gcggcgggtc taagaaggtc aagaagcgta catgcaagat	240
tttatagatc gcttttcttg tctctcgacg tgtcctatgg ccccttatc tttgcttgat	300
atgttactgt tccccgccga aagaagcctg gttgcttcgg cgctttgctt ctcttgtag	360
gtgatatgaa ttggatacga cctggagagg atggcctacg cggcccgacc cattatgtgc	420

ttttctaact	attttggttaa	cggcggcgttt	ttgattttta	catcttcatg	ttgctataacc	480
tgtttttgcc	ttgatgattg	tcttcatgaa	acactattac	ccttccttta	tgtctactat	540
tatttgcctg	agaccttgaa	tttttaaaat	tgcatg			576

<210> 5929

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(654)

<223> n = A,T,C or G

<400> 5929

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atacttgaat	tatatatttt	cgccttttca	cttccattct	aatttgcttt	aaacaacatg	120
agcgacaaga	agcgcaagat	cgctcgaaaac	gcccccgagg	aggctattga	gccccacgga	180
aagaatgcaa	agtgcgagga	gaagaacgag	aagaatgaga	aaaagcgcaa	gtcgaaggat	240
gtcgtggaag	atgtgaagat	ggaggatacc	ggtgttgagg	agcagaccaa	atccgacgag	300
aaagataaaa	aggatcttaa	ggacaagaag	ggctagaagg	aaaataacga	gaaaaaggaa	360
aagaaggtat	acaacgagaa	aaaaaacgaa	aagaaaaaaa	ataatgttat	agccaagaag	420
atacccccat	gttaaacggg	cccagaaaaa	aaacaggaac	ccgcgggcaa	tggtttggaa	480
taaaaccccc	ccggagaacg	gggccaattg	gtaaaaggcc	ccaaaaaaa	gacccggaga	540
gaaacccaac	cccgtaaaga	ggccaaggg	aaaaaaaag	cccgggttaa	aaaaccaa	600
cttgtttaac	cgggccttta	tttagggccc	atttttttta	atataatccc	caaa	654

<210> 5930

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 5930

ttaatcgcat	aagatatcat	acactcggag	cgtatctcgc	tagcattaga	agtgtggttt	60
gacctcactg	ttgtttgcat	gcgaaccgtt	cccctttcag	cagccccgat	tttcgctcag	120
ataccgcagt	catcgactca	gcctcccccg	gatctccaca	aaacactttt	catgctcagt	180
ggatcctgtt	aacactactt	cgcttgatct	cttttgaatc	gacgcggtgt	gagcagcctt	240
gcgctcatgg	ggttgacgca	gcgaatctca	aaatggctgc	cctcttcgcc	gagtctccct	300
gtggatgacg	tttcgcgcga	aaagggccgc	aacatttcca	ggttcgcggt	tttcaagaga	360
agaatacgct	tgaagggcaa	ttcatcgatt	tctataccat	tgggatttgt	tttactattt	420
ccatgccttg	taatagtcc	ggttttgctt	ctttttgtcc	gacacccttc	ttctcccggg	480
ggtattctaa	ccccagctgg	cacacctcca	tctataagaa	aaataagtga	aaagcatgac	540
gaggtcttcg	cctcgggatg	tctgcaggtc	gagaaaagg	ttgagggtaa	gcgtgcgaat	600
gccgcgtttg	tcgttctcgc	tacgaacaag	gaattggacg	gaggtcttca	gtctttgaag	660
tccatcgaga	gacat					675

<210> 5931

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 5931

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acaagcagcc	taagaagctg	aaacaaagaa	gggtatgggt	aaaccaaatt	atgggtcggc	120
gtatgcgaat	ggagtttgct	gaagatgcaa	caacacggta	caaaaagcgc	ttcgggaagg	180



cattcttcaa	ttgacaatct	tcccttgata	tatccgaaca	cattagatct	tttgtcatcc	60
tcggctatca	gttggtgacc	ttctagcccg	tgccttccca	taatataacc	tacaaaccac	120
tccgttgggt	atcagtgggc	gtggcgagaa	agaaggcagt	aatgaacgtc	cttaaacttc	180
aaaggaagta	cccacagttc	gaccagggcg	aaatcttctc	gctccaagat	gcttttagaa	240
agttagatgt	cgatgataaa	ggttacttgg	acgaggcaac	cgtgatcaaa	gctactcaac	300
aagcagagcg	ccagccatat	gacatcgtac	ggcaggcgct	caaagagggt	gaactggata	360
gctctcgccg	ggtagaactt	gaagactacg	tggatcttat	ctccaagctg	cgctctactt	420
ccgggcaaag	cgggcctacc	ggcactgcca	gtcccgcgcg	ggtagtaccg	ggtaatggcg	480
ctggatcatc	tcgccatgtc	tccaaaggca	gcataggcgg	aagaattcac	gtccaggggt	540
catcggcaaa	tgtaactcat	actatcaatg	aggatgaaag	gaccgagttc	acgagacaca	600
tcaatgccgt	tcttgctggc	gacccggacg	ttggtcactt	cctgccgttt	gccaccgata	660
cgttcgagat	gtttgataaa	tgtaaagatg	gattggttct	agcaaaactg	atcaatgata	720
gtgtcccggg	tacgatcgac	gagcgtgtct	tgaacaagcc	aggaaaagaa	atcaaggaat	780
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accctgagct	ttatagactt	cttgaagaag	atgagacctt	ggagcaattt	ttacgtctgc	1020
ctcctgaaca	gatattgctg	cgttggttca	actatcatct	gagaaacgca	agatggaata	1080
gacaggtgac	aaacttttca	actgatgtga	aagatggcga	aaattatact	gttcttctca	1140
gccaaactcgc	acctgatgtt	tggtcacgag	gtcccttgca	aacacaaaac	ttgcttcagc	1200
gtgctgagca	ggttctagct	aacgcccaga	aactgggctg	tcgaaagttt	ttgacccccc	1260
cttacttggt	gcgggaaatc	ccaaacttaa	ccttgcgttt	gtaggcaatt	tggttcacac	1320
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<210> 5935

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 5935

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gcgagcgctc	tataagtggc	agctccgcaa	aaacagagtc	tacatctgat	acgcagccgc	180
ctaaaaagag	atggaatctc	ttgaaagcca	tggtcggtag	ctcttcctcg	aaatccaatg	240
gcgaggcatc	gcctgcaagt	agctcggagg	agtcattaga	cataaatggg	tctgatagcg	300
ctgcatctgc	cgacaaacgc	atggatgaga	tttcccggtc	aaataatagt	tctggagAAC	360
tctcccgacc	caagacagca	caccagcctt	actccttcaa	gttctcattg	gagtggatgg	420
accggccccg	atggcccagc	aaaaacaagc	gcctcttcac	tcctgtctcg	cctgtggcag	480
cccagctaca	cctgcagctt	cgtagatctg	cggacgcaga	cgacgaatct	gagatagatt	540
ccgaggaaga	agctgggagc	gatgacgccc	gagagggtc	accatcagcc	aaggagacag	600
agacctcaaa	agacaccaac	accggctcgg	aatccgnaa	nggttccagt	anaccagccc	660
cggnagccng	caan					674

<210> 5936

<211> 850

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 5936

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accacaaatc	cactcaagtg	gaaagaagca	aaatgagctt	cacaaaaaac	ctaaccggag	180
ccctaaacac	caccccccta	cgacaacaac	gcagcacaa	cactttcccc	tacgccacgc	240
acgagccctt	cgaataccaa	ctcagcagac	tctctctatc	aaaaatcaag	caagagtctg	300
cccggccaga	gcccgcacctg	cgatcatgtcg	tggggtatgc	gtcgggtgaat	cgcgccgcgg	360
gggataagat	gtaccagaat	ctggtgcggg	gggtggagct	tttacggacg	gagaggaggg	420
cgaagtatgc	tgctgggagg	agtaaacctt	cttcctcttc	ttctaatact	tcctccggag	480
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tggagacgag	gtgttttggg	gagggcgagt	tggagggaag	gggacggcgg	aggaagagga	600
gctcgaagag	ggttagggag	gagcggtttt	agtagctctg	aggatgggat	agctatgagt	660
tatgaaggta	tggatcatgtt	tttcctctgc	aacctgtgtg	gttttcagga	gttctctgtt	720
tcttgggttg	gcgtctggct	ggatcggatt	gtgattntta	tagtttcggg	aaaactatga	780
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<210> 5937  
 <211> 750  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 5937						
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gagtgttagc	ttcctttcgt	ccatggggct	tcccaagaat	ttccttggat	tgtccagggc	180
gcaggctcag	gcgggcaaag	tgaagcaagt	ggattctgcg	gaacaccaag	cgtoctccag	240
aactgacccc	cccgcagatg	tgctcaatag	cgacctccac	cccgagactt	ccgtggtctc	300
tgaagcatca	agtcgcttga	taagttcaga	atctgctgca	aacaaataga	atatcatgat	360
atatagagcg	gatgtgtata	agtgtataat	aaagttgtca	taacgganga	naaannnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnaaa	anaaaaannn	nnnnnnnnan	480
annnnnnnnn	ntttttctgg	gggcccgttag	accttgcttt	ataagggccc	aatttcccct	540
tatgggagtg	gtataaaaaat	caactgcccg	ggctttaaaa	ccgtggggat	ggggaaaacc	600
cgggtgtcac	aaacttaaat	cgcttgggaa	cacaatcccc	tttttcgcag	gggggataat	660
tacaaaaaaa	gggccccccc	ggttccccct	ttccaaaaag	ttggccacct	ctttatttgg	720
gggggttagg	gggttcacac	ctctaaaaat				750

<210> 5938  
 <211> 731  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(731)  
 <223> n = A,T,C or G

<400> 5938						
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gattcgaaat	cgagctttcg	acgaattgga	caatgtattg	acgacatgat	ttaacagata	180
cgggtgctcc	ctgcgtaagc	aggtgaagaa	gatggaagtg	tcccaacacg	cccgttacgg	240
ttgcaacgtt	tggcggttaag	accacctgct	acgcccaggc	tgggtggttat	ataggacgcg	300
ccctgggtta	taaataaaac	cgtcgcaagg	ctgcgtgcaa	gcacggacgc	catcacgtgg	360
gcgagacgag	gcctcatact	cctcctatat	ctactctctc	gtgaattcac	cgaagagatc	420
tcgtggcgat	cgccccgtta	gcctagtgat	gcatagttgc	ctacgagtag	ccttcaatga	480
gcattgtagt	atctaggagt	taatgatgga	tgggctgtga	tcaataaatt	caagcggtat	540

ccacgccgat	tgagactggt	ccgttacatg	caactgcaatg	caccacttca	tctcatggcc	600
gttgatcccg	tctgcgatac	cacttttgcta	ctaattgtacg	atgtagtcgt	gtgggtgaaac	660
tgacagagtg	ccagcaaaact	cgtaattgggt	acgcgtgcta	cgctatagca	tgtagttgtt	720
ttgtcgagct	g					731

<210> 5939  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 5939						
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agccgactcg	gagagcaaac	gccgtcgctt	tagctcacia	caagatcaca	cgggcgaccg	180
atcacctgcg	gagcgcaaac	aatcttcccc	agatggagcg	gaacgcaagc	cggaacggag	240
acccggccga	ggtggacgtg	aggaggaacg	caagcgtgga	caacgtctat	tcggtgcttt	300
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gagacgggag	gaacggatcg	ctatccggaa	gaaggagcag	agactctatg	aagaggaatc	480
gatgcgcacg	cgacactcga	atctactggc	aatgtcccat	tttctgaaga	caagaactga	540
gcctgtatta	tactataagc	catggcagct	tcggtccgga	gatgaagcga	tcatacgtga	600
acaggttgaa	gaagcngaag	ccacaagtgc	ccgggagggtc	gcanaantcg	aggcgcgtta	660
tccagctcac	gaagaagaca	ctt				683

<210> 5940  
 <211> 734  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5940						
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ctcagaaata	cacctaaact	ccttcgaaga	gcttctctct	gcctacgagc	cttcaacatg	180
gtgggttagac	ggctactgtc	ctgcacatcc	ccacttcgac	aacgctgata	gaatccgact	240
ccggacgaag	gaagttaagc	gtccccctact	tcagtacatt	ttagaaggat	gtcgagtcct	300
tctggaacga	gcggaacaaga	agtcccttca	actctccttc	gatcaacacg	agacgctgtg	360
gagggccgccc	atctccgtcc	ataagtttgg	cgttctatat	ctagccactc	gctcagagtg	420
tcgtgaagag	ttcctcccag	ccgtggaatc	caacttagac	ctcttcaatg	agatgggtcac	480
cttcctctcc	cacgataaca	atgccatccg	tgccatcaac	tacggtgtcc	accgccttgt	540
caacagcaac	actttcacag	tcgactacca	gaccaaactc	gtccccccaa	ccgccatatc	600
atcgattggc	cccaaccaca	ttgccgttcg	agaaaaggat	ttcgaagggtg	atagtaccgc	660
catgctggac	aattcgttcc	gcaatctggg	acctccatga	cttcgcccac	cttaccggtg	720
ttttgtatgc	cccc					734

<210> 5941  
 <211> 832  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5941						
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aactcacaaa	agtcgattct	gccattgctg	gcttgctcaat	aactcctaag	ggggagaaaag	180
aggccgacaa	gacggcaaaa	aagactcaca	ggcgccactc	atctcagtcg	gagggcgtct	240
ggaacatcaa	ggacttggag	gagaagaaga	tagagttgac	tctccccatt	gaaacgcaaa	300

agaccgggtg	gaagctcaac	acttcaccgt	cttcaatcga	ggacaaggat	atcctcaaac	360
tccatctcgt	aaaccccccg	gtgaagaaga	ttgacttgca	tttcccgtg	gggttggagg	420
tgactgctcg	taatctcaag	ggagtcacaa	tcaaggacgc	gcttgacgct	atccacaagc	480
agttcaagaa	gaaggccgat	gatgaattgg	ataaccctta	ccttgctggg	tttgagtggg	540
acaaggaaga	gtgctggaca	cgcctaatcg	tcaccagac	aaagaacacg	acggtcccac	600
agacctccag	taagaagtcc	aagaagaaga	aggaagaggc	atagaacggg	catgcctact	660
ggtgtgctaa	gtgccaacgg	tttctctcct	gtttccttcc	cggacgtact	ttccagactt	720
aatcattttct	ctcatcttgc	ctcttagcac	ttacagagct	tgttcgggtat	gtagatgcct	780
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<210> 5942

<211> 757

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 5942

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cacctttgga	caagtccttac	ccaacttcgt	tgccgaccat	gccggccctt	tgaacgtcct	180
cacccctgcc	gccaccgcca	cgcctattct	tgccctttgct	tggtattggtg	tgcaaacgt	240
ccctgggtatc	attgtcttgg	ccattctata	tggtctcact	tccggtgggt	tcgtttcgt	300
accaccgggtg	gttatggcta	gcatgaccaa	ggacatccgc	aacttgggaa	cacgcttggg	360
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atcaacattc	cttctccggg	ggtttggttc	tctacacgtn	gtcagaacaa	aaaggaggga	720
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<210> 5943

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<400> 5943

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cagtctcaag	aaggaagact	gtatggagct	ctatgagaaa	tgggccgcct	cctacaacga	180
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cgcctcaagc	aaagaccccc	aggctaccgt	attggacgcc	ggttgtggca	cggggctcgt	300
ggccgaagcc	cttgctaagg	gcagcaaatg	gactattgat	ggcatggatt	tgtctcctgc	360
catgctcaag	gtcgcagaa	agactggcgt	gtaccgaagc	ctcttcaaag	tagacctcac	420
acaaccgatc	gatcaaccag	accagaagta	cgatttcgtg	acattgctgc	ggcaccttca	480
cgcgtggcct	tggtggcccg	accctgccct	gagggaaactc	attcggcttc	taagccatac	540
ggtgtcatcg	cgcgcaccgt	ccccgaaaga	attgggtggt	cggcgggtcc	aaaccgatac	600
ctaaatgctt	taaaaggatg	tctttcaaaa	gtgatactct	aaaccttatc	acataaaaa	660
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<210> 5944

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>



<221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

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cttatctaac ctaccccgca tcaccatggc tgcccccgca gacatcacca tcaaggacct      180
cagtggagag tggacgatgg acaaatccct ctccaacccc actgagccca ttctggccct      240
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caccggaggt atccccggca caaccgaaca ccgattacc gactgggaag gacgggagca      420
cgatgaccac gtcttcggga aggtcagagg tcaatccgcg ttgatccggg gctcgaaggg      480
cgacgatgga aaattccgcc ctaacgtgga aatcgctacc aagaccgatg acgaggatgt      540
gaagaagttc ctgaagggcg agattctggc tgatggaaag gatactgagg gcttcgttgc      600
tgacaacgtc ggtgaagagt atggtgaggg cgagagtctc ttcctccaga gcttgtgcag      660
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<210> 5945  
 <211> 552  
 <212> DNA  
 <213> *Aspergillus oryzae*

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acagccacat cgacaacaac aatgaagcga tcggcgcgaga agccaccggc gacatgcaag      180
tagacgcggc cccgtcagca ccgtcagcgt cagcgccgga catggagacg gaccaggagc      240
atcacgacga aatcaacagt gacagcgagg gtgagagtga gaatgccgcc gatcggggaga      300
ctgtcagcat cactgtgtcg catcgaggcc acaagtttcc ctttgagatc gaggccgatc      360
tcaccgtcac cgacttgttc cagagatcg agaatgttct agagattccc tttgagaaca      420
tcaaggtcat ggtgccccaa ggcccatttc ttaaggcgac ctttaaagat tccgaagatt      480
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aagccgtcca gg
552
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<210> 5946  
 <211> 631  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5946
ccaagtctag caccaagaca tgatatcctt tcacaccagt agctcttcat atataattta      60
agcatgcctt ccaacaaaca tcccatcctc tcctacatac tattacctct ccttctcgcc      120
ctctccacca ttcaaattgt ccaatgcgcc ccatcagcct gcaatggcca atccacattc      180
tgcacccgca agtactcgaa catcacccaa ctgggcgccc acgacagccc ctctgctcggc      240
cctctcccac agcataacca aaacctggag gtaacagaac aacttgacct ggggatccgc      300
ttcctgcagg gccagaccca taaagccctt gacaatgcca acaccatcca gctatgtcat      360
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cccgtatcac ggttcgacga ggtattcacc actgccagga ttaatgatta tgcgtttgta      540
ccgagctcat cgcgggatgt gctggccatg gattcctggc cgacaatggg agatctgatt      600
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631
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<210> 5947  
 <211> 711  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature

<222> (1)...(711)  
 <223> n = A,T,C or G

<400> 5947  
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 ggcgcctccc tcttaaaaaa tgtggaaact ccgcgctaca atccattgaa tacggcccac 180  
 ccaagaagct ctgctttact caacggcaat gatcctgtga cgatgtattt attgaccgaa 240  
 actgctatgg gtgacagtgc gcattatgag gtccctgtcct tggaggaggt tgaagggctg 300  
 aagaaagaat tcatggcgct gtctacatcg tcgaaggcac tggagtctac accaccatcg 360  
 aaaacgcctc cgctcaatgc aagggtggcg ctaagacggc tataatactt gatgattttg 420  
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 atgttccgct cgaatggcgc ttcaagtacc ctcaacaaga ccgatggaga gttggcaatg 540  
 aacaccgaa agtgccagga agctttcgca agaaagctgt gacctggaaa agtagagttc 600  
 aagctgattt aaaaaacgtt tatctgggaa cttaccgggt ggccgtcctt acagaatacc 660  
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<210> 5948  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 5948  
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 tggcgaagag cgaccttaat actatctccg agaagcgaat ccgtaaaggg cttcaggaag 180  
 aggtcggcta tgatcttact ccgcagaagg ctgtgattaa gcagcttacc atggaacggg 240  
 tcgacatctt tgccgagaat ggtggtatag aagcttctcc cgaggcggcg gtcgctactg 300  
 ctccctgcgc caatggccac agctctgcga caccggtcga ggcttcgtcc cctgcccatt 360  
 cctccaagtc acagaaacgt caggcggata gtgtggaacg cgaatcagac aaaactcctc 420  
 cgatgaagag gaaaaagccc gatcacgatg tggatgcgga tgcccttttc gcggcaaggt 480  
 tgcaggcgga ggagaacatg cgtgcccgtc ccactcgcgg tgctagcgca cgtaaagttc 540  
 agccggcaaa gaagaagaca accaagggtt aaacgtcaaa aaagggtcaaa ggcggaggac 600  
 gactcanatg tcgactccag ttcggactcc aaaaagtaaa ccgctctggt ggattcataa 660  
 accgcttctc n 671

<210> 5949  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5949  
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 ggcgccttct cctgccttgc agtttgacc tctcccaagc cctcatcgat atctctcagc 180  
 atggccaccg cagagaagaa gaaagaagaa caacctgcca ttcaaccgga cgaatactcg 240  
 gacggcgatt acgatacgga tgactattca ctgtccgaag acgagcagga tcagaaaccc 300  
 caacgtccga aacaacagca agctcgacga cgtcaacaac aacaacgcaa acgtcaaaac 360  
 gacgagtatg aggatgaaag tgactatttt tccgacgaat acgattcaga tgagtacgat 420  
 gacgatgacg atgcgggtca gggcaatgcc atgcagccat ataagcgcgg caccagttcc 480  
 ttacacaagg cacaatcaca aacggagcca tgacggacgc cccaggacaa gggaaaaacg 540  
 atgaggagca ggatggctct caaactgaaa ctggagctga acctcacatc gaggtagaac 600  
 tcaaagccca ctttcacgga gacttgcaact tgcgtgcttg catggatggg gaaaaggt 658

<210> 5950

<211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 5950  
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 agatcagggtg ctgaagggtcg acacgtggat cccatatcac ccaggcgga ataatcaat 120  
 cttgcacatg gtcggtcggg atgccacaga cgaaataaca gctttgcact caaaggaagc 180  
 tcaggcacat atgcagaaat atgtgatagg cacaatcaat ggacgatggg agaactttct 240  
 gcctccgatc caggaggaa tattcagacc cctagcatcg aaggggcgtc acgacgaaac 300  
 gctcgatgcc gaagaagata tcagctcatc tggaaaatcg acaccaccgt caccagtctt 360  
 cgatccggta gagaaaggag atggagtctg tcggaggcgt acaggcactg aaacgcccatt 420  
 ttcccgagct tcatccgtat actcatcaga gctggagtgt gcgccattcg gatctgcaga 480  
 agcatcaata gcccacgcga tatcatcaga tctttcaaaa taccctcgtc ttgatcaaaa 540  
 gtcacaagac gaagtcgtca caaagtaccg ccagctcgat gcanagctgc aatccgaagg 600  
 actctacgat tgcccatata gctcctacgc ctgtgaattc atccgatact ctgtcctttt 660  
 g 661

<210> 5951  
 <211> 656  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(656)  
 <223> n = A,T,C or G

<400> 5951  
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 gaggggtttc aggcggtatt cccttgcgaa cgttgtatcc gccttcatcg ttcttgtatt 120  
 aaatccgaaa attctggtcg ttgtagcgag tgtgtgaaag cgaacggtgc ctcttgcaaa 180  
 atgtccgaac ctctcttttc tgatgctgag tggaaacggc tcgtgaaagc ccagaataact 240  
 attgaggagg agggaggagt tattttggcg aagcttcttc gtttgcgaaa acaaaaaacgg 300  
 ttattgcaaa aacgtgcagg tgatttcatt gcgcgtgata ttaaagaaat tgaggaaactc 360  
 gaggaacttg agcgtcaaga gcaaaaagag cgtgaggcgc aggagaagt gcaccatcag 420  
 gaaactgcgg ttctctgttc cggggctagt gcgtcaagtg gtgatgttca actagccgcg 480  
 gggtccgggt tagatcctag cttgactcag ctgatggatg acccttctct ctgggtgaat 540  
 ttgatcctt ccgctggtgg tacttgtcaa ccantggtg gcagcccgtc aaattctcga 600  
 taagcttcca tgaatttttc tgagtatttt ttccacctcg gattccgacc cttttc 656

<210> 5952  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5952  
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 ccctgaacct ggccgacaag caaacattcc tcgacgcccc gaccagaac gagcgccgcc 120  
 cagcaaccag aatgtacgct cgcagacgca taccctaat cgtccttacc gagaggatgg 180  
 aaggttacca ccacggcctg accttttaga cgacagacgc gatagacatt cagattaccc 240  
 tcgagggggc cgctatggtg gtgagcatga ttacaatagg tcgttcgaac aacctgtggg 300  
 tgatggaagg ggctatggcc gtctcgatag agagtatcct ttaaggccat ctatggatga 360  
 gtcgttccgt ggtcctcctt accgtgaggg gcgtctccta agagaaccgg agtggccaga 420  
 tcgtcccga cgtttgcgcc cttcggatgc tcgagaggca ccacctgtcg cacgctccgg 480

tccaccgaca	caccctgatc	gtgcagaaat	gatacacgat	catcctgacc	gggaaagcta	540
tcgacgtggg	gaggcactgc	gacaagagaa	tgatgatagg	cgacctttgc	catcaagaac	600
gttttcgcct	cccataatgg	gacttcaaac	cgcccataac	gcttcctga	ataaccgcca	660
tct						663

<210> 5953  
 <211> 1210  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1210)  
 <223> n = A,T,C or G

<400> 5953						
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atctgtttcca	caaacaagga	ctactgagca	gtcatgagct	ggacaaaagt	atcagaacgc	120
cgctgggagc	gccctgtcac	cggaatggag	ggatattttg	tctatacggg	atcgggtgtca	180
gccgctcact	gcgatggccg	ccaccagtac	accatcttct	ccaagctgaa	gatcgatctc	240
ggtatcagtc	cggcggacgt	tgaatccgca	ctgaagcgcg	cctggaagcg	gctacgggtct	300
gagcagcccc	agatcgccac	cacagttgat	gggacgacga	tggtgtatga	ggttcctgat	360
gaggcagctt	tgcaggagt	gctggcctca	acctttgttg	tctcatctgc	tgcagatgcg	420
gaggatttat	accgcaatgc	tgagcctatc	aagcagggtta	caactggatta	tattccgaag	480
tcacgagagc	ttgtactggg	tgcttaacat	tacacaattg	acggcacccg	tacactactc	540
ctctgggata	gctatctgac	agccttggca	acccagcccg	aggaggtcac	atttggtgac	600
gagcataccc	ggctggcccc	ctccattgag	gatgtgctca	aggtctccga	gccgacggcg	660
gaagaaaccg	agaaggccac	ggctctcctc	atgagctatg	cgaccaaagc	tccgggtggt	720
ggccccggtt	ccaaagtggg	caccgtgcct	gctggccggg	cccaatatgc	agaagtgact	780
ttcccgacgc	ggacaacgga	agcaattatc	aaggtatgca	aggagaaggg	catcagcggt	840
acctcgggcg	tacatgcagc	ctacatccag	gcgattatca	aacacgctaa	tcccaacggc	900
acattgtccc	gctatgtcag	cttagggctg	ttcaacctgc	ggccctacct	gccgaaacca	960
tacagcaca	gcgagtacgc	ggcttcgggc	tactacacac	ctcttccttt	ggactttgac	1020
ctccctgccc	cattctggga	gacagcccat	ttactggata	agtactaccg	gaccacgggtg	1080
aaggatgata	ctgagatcct	gcccctgcac	acacacatga	cacgcatact	ctgccaaagct	1140
tcccagatgc	ctgagtacca	ggggctcatt	ccccgcgatg	cacangtcag	cagcctgggc	1200
atcgtcagac						1210

<210> 5954  
 <211> 604  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(604)  
 <223> n = A,T,C or G

<400> 5954						
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cagagagcca	gcagttctaca	gccggctcga	acaccttcgg	atcggggcatg	tccgacgtct	120
ttggctcgctc	ccagggtggc	tttgggcaga	accagcccat	ctctcagcag	ccccagtgga	180
ccacggagga	aaccaagacc	tttgacacgc	ccaaggcctc	tggacccagc	ccttccctag	240
ctcaggctaa	ccgccctggt	tccgctacca	acagcgtgcc	aggtcagccg	caggcacaaa	300
ctggccttcc	ccctctgcaa	ggccagcagg	gtcagcaggg	ctttggcacc	tatccccact	360
tgaaccctca	gtatgggggt	ctaggtggac	ttagtggaca	ccagggtgca	gccaatcaaa	420
cccaccacca	ggctactggc	tacggtaact	acggaggcgc	cggcttcact	aattattatg	480
gcaacaccgg	tcgcgggtggc	tggggaaggc	attacgggtca	ctaaatgatg	atgacattgc	540
atttttcccg	aatggcgga	ttcatatttg	gtcaggngg	gtggcaccct	gaactcaaa	600
cttn						604

<210> 5955  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = A,T,C or G

<400> 5955  
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 attcacacag aggcagacat cgattccatg atcggcgcgg ccattcactg gtatgcgaag 120  
 taccgggttc gggcgttgca agagcaccg gaacggcgag acgagccaga cttggacgtt 180  
 tcggagctgc gccgacacgc caaggtagag agcctcgacg atttagagct agacgacagt 240  
 ggtaagattg gctacgtata caagactctg ggcgagggcg tgcacctcct ccgtctcgcc 300  
 atgcgtgata ctgcaaccgg catgctcaca tcccgggcac tggcgtttga gccgctcatc 360  
 acagacctaa tcatgcgagg cggcgacgct gacaccaatg cctgctttgc gggcgctctg 420  
 ctgggcgctt atttgggcta cgctaactct ccgcttaact ggcgcaatgg gctgcgacac 480  
 ggcgagtggg tgctgggtaa ggctgagggc ctgagccaga tgttgggctg cgagatggc 540  
 gagtatgtcg ggtcggcaga ccgggagacg gcgctggacg gcgggagagg tgggatgcct 600  
 tctgaggctg ataatggaaa ggaaggggat ggtgctgcaa gcatggatgg cgganacaaga 660  
 gcaagaggcc aagcggagag ccagcaaat ggagga 696

<210> 5956  
 <211> 690  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5956  
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 tgaggtccaa caccagcaac caacaacaca gttgaatcag cagatgcaag tgacaaagac 120  
 ccagaacgca acacctggaa aaggcgccaa aggacctgct tctaagcaac cgccgaagag 180  
 gaagatgcca aatgaagaaa gcgcggacgc ccagaatacc cctgcacaaa agtcggcgca 240  
 gcctgcgact tctcaaggat tgtcagggtc tacgccagca cgacctaaaca tgcggttcac 300  
 tcgtgagcag ctgggtcaata tgacaccaca gcaacgtgca caattggagg cgacatacg 360  
 gaggcaacag agccagaatc aaacgcgagc tcccatttcg agaaccgctg cggaagagca 420  
 atggaacaac ctaccggaca agatcaaaca atggtacacc gaaatcttgg ccaacgcccc 480  
 atccaatgat cctatttctg ttcaaccaga gcaaaaagct caaatggccc agcaactacg 540  
 ggagtgtacg gatatgctgg gtaggatgga tacactggtc caatggtttt ccaagattcc 600  
 caatcaggaa aaagaatgtc aaaagcttat tagctatgcg catacaatta atgaggcaat 660  
 tcaaactctg actgactgga cgatcaatga 690

<210> 5957  
 <211> 680  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(680)  
 <223> n = A,T,C or G

<400> 5957  
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 tctccccacc tgccccggac accgtccagg tatcgggtct gatgggttct cttgctctac 120  
 attctacaca tgatttatc gaccgaggtg aagccagaaa ggaactgcag atggaggaca 180  
 tttctgttct ggcgcatgga ctgtctatcc ttgtgacagc tacaaaaggc gatgtaaagc 240  
 actcggttct gttcgatgca ggtccagaag gcgagatatg ggagaggaat gtcaagcggt 300

tacggccgga	tctgtcttct	gttgagctgg	ttcaattatc	ccattggcat	cgggaccatt	360
cgggtggcct	tgtccgagcc	attgaaatga	tagctgaggc	caaaaaagcc	aaaggccaca	420
cagacaaagt	ggcggtagat	cttcatcctg	accgtcccga	ctatcgggga	ttcgccctgg	480
gtccaaacat	tgtttccttt	caggcggatc	ctaccttcga	ggaactcgaa	gctgctggcg	540
gagctatcca	aaagcatgac	gaggcacaca	ccgtgcttga	caatntcttt	ctgatctctg	600
gcgagattcc	ccgccagacg	gcgtacgaaa	acggtattaa	aggaggcatg	cgctttgata	660
aaaggaanag	gattgttttt					680

<210> 5958

<211> 900

<212> DNA

<213> *Aspergillus oryzae*

<400> 5958

gccagcgcag	acacagccac	catatgggcg	acaaagtaga	gacacttgga	gggaatgacg	60
gattgtccga	tcagaagcgg	gagattatgc	agaagatttt	atctgcagct	ctagaccaag	120
tgtccgaaa	cccagagcct	agtcaggctg	attcgcagac	ggtgcctgac	agtaagtccg	180
acaaaaaagg	ctggatacaa	tgcgaattct	gcacgaagcg	cacgcgtctg	cgctgtgaaa	240
tgaagaaaca	caagaagcgc	catgagcgac	cgtatggttg	cacattcgaa	aaatgcagca	300
agaccttcgg	tagcaaagcc	gactggaaac	gacacgagaa	ctcccagcat	ttccccttgc	360
agagttggcg	ctgcaccctt	cccgatgcta	cgcaagggga	tcgatcttgt	gctcgcctat	420
tctataacca	aggagaatat	acccgtcatc	tgaagaagca	tcaccatgca	gaagataaag	480
aggtacaagc	tgcactcgcc	aagaacagca	tcggtccgca	cggacagtcg	caattctggt	540
gtggcttttg	tcgcgacatc	atcccactaa	agggccaggg	ccttgccgcg	tggaaatgagc	600
gcttcaatca	tatatattct	gagcacttca	aaaatggcga	gcggattgag	gattggctcc	660
ttccttcggg	gcatctgacc	aagggcgcag	aacgcgatga	aggaaaggaa	cgaatcaaca	720
cgcccgaaga	tgggaatggc	gagcctccag	cggacgatgt	gagcgacgat	gaaactgccg	780
gcagtatctg	taactctgag	ggtgagaacc	aacgggatga	aaccccgatg	ggagccccc	840
aaacaagtac	aaaaatcttt	acttttagca	agtgaacaac	tcattttcaa	aaacaatttc	900

<210> 5959

<211> 1199

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1199)

<223> n = A,T,C or G

<400> 5959

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tcttcgttga	ccttctcagt	acctgtatcc	aacctgtttc	gctcgcctat	atcatctact	120
tgattgtctg	gcttgccaga	gattcgtcca	ccattccatg	gacgtctttt	gttctcatcg	180
cagcgatcta	tggctcttcag	gccctcatct	tcattcttccg	ccgcaagtgg	gaaatgattg	240
gctggatgat	tgtgtatctc	ctggccatgc	ctatattctc	cgtggccttg	cccttctact	300
cgttctggca	catggatgac	ttctcttggg	gaaacacccg	cgatcatcact	ggagaaaagg	360
gccgcanagt	cgatcatttca	gatgaaggaa	agtttgaccc	cgctctatc	ccgaaaagag	420
atgggaggag	tatcaagcgg	agctctggga	ggcccagacg	tcgagagacg	accgctcaga	480
agtttcaggc	ttctcatatg	ggaccaagtc	gtatcacccct	gcgcagtcog	aatacggggt	540
ccttgagcta	gaccaatgtc	gcagttcgat	cttcctcgct	atgggtccag	gatgtctcta	600
actccttcog	gatgatgagc	cctcatatgg	acatggaaat	ggaggatctc	tcacatctgc	660
ctagcgacga	tgccattctc	gcggaaatcc	gtgaaatcct	gcggacagcc	gacctgatga	720
ccgtaacgaa	gaagagtatc	aaacaagagc	tagagaggcg	ttttggtgtg	aatctcgatg	780
ccaagcgtcc	atatatcaac	tcagccaccg	aagctgttct	atcgggcgcg	ctctaactctg	840
agggtcaagc	tcgatgtgta	ttgcatggaa	gaccgttacc	ttttccacgg	tgtataaaaa	900
tttcttatct	gatttaatat	tcgcatatcc	attgtcgcaa	ctttataaac	tcgcagctgt	960
gattgttttg	ctacagcttc	gtattttgcc	ttctcgaagc	gatctatgat	gtctatgact	1020
atcgcaacat	actgcccaac	ccttggttga	tgtcttcttt	catgacaata	ctcgacgtct	1080
ttcggatgca	ttgccacgct	ttgttagact	ggacggaatc	aacttgaatg	gacaggacct	1140

gctttgttct aatttaatct gcggggtttg tgaatgattg aaatgttatc gtgaacctt 1199

<210> 5960  
<211> 1247  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(1247)  
<223> n = A,T,C or G

<400> 5960  
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aaaatgggag ctccacgcgc ctccagtcca gccttgcaac ggtcgcggtt gacatcacca 120  
aacggcccat ccatccccgc ctcgccgcct gaagacgatg aggataactt gacgatgcgt 180  
ggcccagggt tccctcgatc gaagcccata gtcattgaaac ctactccgca gtcagtgcgt 240  
cactcgccga ggaccacgcg acggaacatg cttgccaccg aactcacgga gtcactccga 300  
cgccatttac tttgggaacg acagcagaag agtgcgactg ccaatgcctt cctcaagcga 360  
cgacacactg cacatgacat ggcaaacctg caggaatatc ccaatcctaa gggggcacaa 420  
aaggggacagg gtgttggcgt gtccaacccc cgtgcagaca aggacaagga tatggcgaag 480  
acagcttctt tcaatcaata tactgacttt ggtccgtggg agtnaccacg ctaagggtttg 540  
taaacgacca ccgatcgcat ttcgaagtga cacgatcggg tcgcccttga gaatacccaa 600  
aacaacttgc tttctttatc tttctacttt tcacattttg ttatctgtgt catgacatat 660  
tcttctcag atgggttatg ttattgacta tgatacccaa accttcaacg cgtttcttta 720  
ttatctatgt aaagccgccc attgaatatc cttgtgacac gtacgatcac gactctgcat 780  
tgcatcttgg cgcaactatg gatcatatgg ttgttattat cgacctaat ccttttttcg 840  
ggctctttgat tttatttctc agctcctttt tcctatcatc ttttctcgtg gcattgtgtg 900  
gctatcagtt atgttgatat tatacagacc atcttgagga caaaacctca agcgcgatta 960  
atcatgtaca gatgatcttc ttttaccttc catggcgggc ggaactgttg cgattcgaat 1020  
ttggcatggg ttcttatgtt tttctctttc cagtacgggt tgggtggaac ttttcaaaaa 1080  
gaggcctttt atggatgtca ttgctacgtc tcgtgactgc atcttagcag aaaacgtcat 1140  
tggtatcatt cgatgcatnt gaagcccttg ncttttcttt ctttttcttt gttggtctga 1200  
taccagatac catacatatg tntttgattn tgcttcgcgc ctttact 1247

<210> 5961  
<211> 664  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(664)  
<223> n = A,T,C or G

<400> 5961  
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ataaactgtg ctgggtgtct cacagcttcc ttttccaata tccatgtttg ctgcgcgcatc 120  
ggcacggggc gtacattagt gctaggagca gtgatccaaa cacttggtt cgcactgatg 180  
tactggaacc cgccctttgc gctctttact gctgccttct tcttaactgg catgggaggt 240  
gcctatcaag acgcccaggc gaatacattc acaacaacag ttgacaatgc gcatcgctgg 300  
ctgggaattc tgcattgcgt gtatggtgtt gggacaatta tctcaccat tgttgctaat 360  
gtaattgcct cgcgaacgce cgtctggcat gattttttact ttgtgatgtt gggcttgggg 420  
ctattaaact tgtgtctttt aagggtggaca ttccgagaag gtctctttta acctaacaag 480  
aggaacgcga gcggaacagc cgccagcgaa ttgaaagcca cgctatccaa taaagcggtc 540  
tggaatactaa gtggattctt ctttttgtat gtcnegcccg aggttactgt ccgtgtttgg 600  
atggtccaat tcatcgtctc cgtaagaaat ggagacccaa aagaagtaag ctacatagcc 660  
tctg 664

<210> 5962

<211> 705  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 5962  
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 catcgatata gtcctgttcgc tcgctagact gtctcagcaa tgaatcttcg agccgcgggc 120  
 cttcgcaagg cccgcgcgca acgctccttc acatggcttt tactcctcat tgcggttcta 180  
 atgttgggcg aaatatcctt ggcccaagat accactggga atgaccccg ctcgacaacc 240  
 gacgtaacaa ctaaggagac cactacagct acgacaaaag atgacactac cagcagatcc 300  
 aagaccacgg aaacatccgc gacagacaaa tcagcaacga caacaacatc cgagtccaaa 360  
 tctacagact ccagtacaac ctccaccgca acgaatgatt acccctgggt gacagtcccc 420  
 ccactcgccg acgcaccata catgcaaaaca tcagataccc cggaagggaac cgtcttcata 480  
 gccgtcnggg cagtcctagg cttcgtgggc ctgcactcc tagcctggcg cggaatggtc 540  
 gcatgggtccg taaaccgatc tgtccggaaa gcagccataa tgcaatcctn cgaggcaaan 600  
 ggactcctnc gncacaagaa gaagagatcc gngcaccggg cttatcgngg gcccaaaaaa 660  
 agccgtgttc cttgaaaaaa tcggcngggc ggcaccggac aaacc 705

<210> 5963  
 <211> 697  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5963  
 tttcaacaat tgtttctctc tcctcgcccc agctgctttt ataccacttc gtctcttttc 60  
 atcctccatt cgctttttcg gtctgggtcat atcgttgatt tactgatcaa ttgaggactc 120  
 cattactatt catccatcca tacacacatc tccaacccca ttcacgacca ttatgttgcc 180  
 gatcgtgttt ctctccactt tgggtggcctc cgctactgca gtgactaccg ccagcaacta 240  
 taccttccct gagggattcg atctgaacca ggtgaaaccg gcggataagt ctgcctgggtg 300  
 tcaggccgag cggaacgcct gccctaagat ctgtggcgga gttgctgata agaacacttg 360  
 tgaccgcgaa actcttgatt tcacttgcac atgctccaat ggcaccgatg ctgacgtcgc 420  
 gccttacgcg gagactgtcc ccttcttcgt ctgccaggag aactaccggc agtgcaccca 480  
 gcgctctact gaccttgacg gcgacgagaa gtgcaaggag gcccaaagcc agtgtggctc 540  
 gaagaatgcg tccgatgcct ctggctcgtc ttcacgact actacggcca cgtccttgcc 600  
 tacctcgact ggttcttcgg gatcgagcaa gagcgaaagc tcatccaccg gcaccgcgac 660  
 gagcagtggc agcacaagca gcactaccgc taatgtc 697

<210> 5964  
 <211> 718  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 5964  
 gcgaaatggc gatctcagat ctctcaacc gtcgcgtgcg agctttgccg gaggaagacg 60  
 aagaaatcta ttcagaagaa tcagcatttg aagaaaaaag cgatgacaga cgctcagggtg 120  
 aatccgattc agattcagac gatcttgatg acgaagcatt ggaggagacc gatgacaact 180  
 ctgaacacga cgggcccgtt ggcttagaag acgacgaaga tagtgaagat ggtgaagaca 240  
 atgataatgg agaggacgat gtccaagctt cccttagtag catatccttt ggagccctcg 300  
 ctaaagcgca agcgtcactc ggtccgaaa gcaagcgcaa tgcaaaaacc gccaaaccta 360  
 cagaggagtc cccgcagact acatcaccgc tagacgacat cagagcgcgga atccgcgagg 420





<222> (1)...(865)  
 <223> n = A,T,C or G

<400> 5967  
 cgcgataacg actctatccg aatccggacc aaggctcggct cctacctctt tctcaagtgg 60  
 ttttgatcc cacctcctcc caaaaaagtt ttgtggggct ctttctcccc ttcccacctt 120  
 gcgcatctac gtggaatcat ttctcttggg tccacgtagc ttgatctatc ctgcaatcca 180  
 ggctcagggt gccctctgtt ggaggaatca tctgtgaaga gaacatataa cccttaacct 240  
 tctgtacccg gagtttctac tcttataccg agtcccagat cagatagcgt aggtcggcca 300  
 ccacagggtat taaactctta tcacacagca ccttacggaa ctgtcgaccc tcgctggctc 360  
 gatactgctg accggacggg tccggaggca ctgcccaggt cagatgattc tctccatcac 420  
 ttgagccaag aactccacc acaggatctt gatcaaactc agcattggga aggagagtct 480  
 gcagatacac ataacagttt cgagtcgccg caattcattt ttgaaccacg ttgcccagag 540  
 acacaacata tagcacctga gttaccctcg gatctctcaa tttcaggaca agatacatcc 600  
 tctgccaatc aatcgagtga ttctacctca cagtctgtcc cgtgtgaccg gtgtgatcgt 660  
 gtctttgaca aaagacatct actcaataaa cacaagactt ccgttcacga tcgccctcac 720  
 aagtgtgacg tancaggctt gtccccgaca gaggggtttc aattcaagaa agatctcaga 780  
 cggcattaca aactgtcca cgggggatga agttccaagg attattactt gaagtatcgc 840  
 tgggtgctccg cttcaagcca caact 865

<210> 5968  
 <211> 637  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5968  
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 cccgaaagaa tggcgactac ctactttcct cctccacctc aggacctca atttctccg 120  
 cccccaagat ccgcaacttc tcaactcgaat ccccaaagcc tctccgattt ctgcgaaccg 180  
 aatttcagtt tccccccgcc gcaacgacaa caaacagctc ctgccgtgag ccatttcgca 240  
 acggatacca atgccacagc gtacaccgcy aatgggggata tcggcaatcc atacggatca 300  
 aactcctgtg ctctctcccc tcaatcatcg acgccccag cggcgttaca gccccaaagt 360  
 gcccccgctg tgtcggccac aagtcaagat gaagtcggca cattcaacgg tggagagctac 420  
 cgcatacgcc accgggacac caactcagtg ctcaaatgc agctggcaat gggatgcccg 480  
 atcgaagcca accaggcgcc atggttgcaa tgtccgcga catttccctc aagggaacag 540  
 tgaaaatccg cctatcgaaa atgtcgccg ggggatgacc tcctcgatta cacggggccg 600  
 ggtgaaattc tcttggcgcc gctttcctaa gcgaaat 637

<210> 5969  
 <211> 645  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5969  
 cgatagacaa tcagtcgttc cttcgttctt tcattctttt ctattaactc tagtcattcc 60  
 ttcttgaatc attcatttct caatatgctc ttcaacaatc cctcgactat ccttgtgggt 120  
 gcattggggt gcatgtcgct tttgtcccag cgggcgtatg ctgcgcatat tccttatcgt 180  
 caccgacata gccaacatag ccctggaggc gtctatgatt ctgctccacc agtcagcgcc 240  
 tgtggaaccg gcgctccaac tgccacaacg actgtgactg taactgaaac catcgatgcc 300  
 agctcaacgg agctgaacgt cattactccc acggttggtc ctgcttcta tactactgtg 360  
 gatatttcca gctccagctc cagctccacc tttaccagtg tcgtcgccgt ttcctctacg 420  
 tctacatcta cgtctacgct tacgtctgtg tctgaatcta cctctgtctc tacctctgcc 480  
 tctgcctctt cgtcaggcaa tagcacttca aaggcaaagg tcatcatccc gtactatcta 540  
 tatccatcaa ccggcgcggt gacacccttg gaagaactga tcgttgccaa ttccgatgtc 600  
 caattcaccg tcatcatcaa tccagataat ggcccttggc tcaac 645

<210> 5970  
 <211> 1175  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1175)  
 <223> n = A,T,C or G

<400> 5970  
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 tacaatcaat tcctgaaaac tctcatcgca tctcttttgg cctgttcttc tgggtggtgc 120  
 aacccttcgga aagattcccc acttgcaaga tcttatcttt ttagtccggt tctagaatct 180  
 ttttctcccc ctctatcaga tcaagactct ccgatcccc cctcactctc tcatccactc 240  
 tccaattctt ccctttcacc atgactcaac cctccaccat cacacaacgc ttcctgtcca 300  
 agcccggaaa tctgggtgtg gtagcagtcg gcttcaatgg cggccagtgc aaacttggag 360  
 ttgaggctgc ccccatggcc ctggctgagg ctggcctcct cgatcaactc cgcgacgacc 420  
 ttggctacac cctcgactat gacggcaccg tccactacta cgaanaccag atccccgccg 480  
 aagatcccga ccaccgcggc atgaagaagc cgcgcgctgt gagcgccgtg accgaagcgc 540  
 tgagcgcaca ggtctacgag aaagccaagc agggtcagat ggtcttgaca ctgggaggtg 600  
 atcactcgat cgccatcgga tccatctccg gctcggccaa ggctaccgcg gaacgcctgg 660  
 gtcgggagct ggccgtcatc tgggttgatg cgcacgccga tatcaacatt ccggagatga 720  
 gccctagtgg aaacatccac ggtatgcccc tggcgttctt gacgcgcttg gcccgcgagg 780  
 agcagaagga catcttcggc tgggttgacg atgagcacat cgtcagcacc cgtaagctgg 840  
 tctacattgg tctgcgcgat gttgatcgcg gcgagaagca aatccttcgg gagcatggca 900  
 ttaaggcggt cagcatgcac gacattgacc ggtacgggat tggccgtgtg gttgagatgg 960  
 ctctggcccc catcggaaac gataccccta ttcacctttc attcgacgtc gatgctctgg 1020  
 atccgcagtg ggctcccagc accggcactc ccgtgcgtgg cggctctgact cttcgtgagg 1080  
 gtgatttcat ctgcgagtgt gtgcatgaga cgggcaacct ggtcggcatg gacctggtgg 1140  
 aggtcaaccc cagcttgagg tcngtaggag ccttc 1175

<210> 5971  
 <211> 958  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5971  
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 gaaatgggga ttgaggtata aatagcactt gaacaaaaca gaattgggat agacgttttg 120  
 aacaccagc gctaagccga aacatctttg ggtagaaata gagacgagga acaaaaacaa 180  
 tatgaagtaa cattcgtgcg acgagtttcc tttatccggc cattctttta agcggatgtg 240  
 ccaccaccac cgcgtgagac gttctcactc tctcctcgtt atttctccca gttcgccaaa 300  
 atgttagcaa tacgcggtga attcgtgagc ctgtagacat cctcgaaata ttccttgggtg 360  
 agttcgaagg ggcgagctgt gacatttgga atatatcttc caaccaactt gctgggatca 420  
 atagtgtttt tattgatctt ctttagcaaa aacgaccgga aaggcttcac accagaacgg 480  
 aggaaagtgc tgtggaaggg aacgtcaatt cctctcagag ggatggtagc gaagccacgc 540  
 tcaagggtaa tgggcttagg cttagactca gtctgcttga cacattcgtg aatgatttta 600  
 accaggtgag ctttcacatc ttccagagac atgctttgca tgagagcggg aatgtcaatg 660  
 ttctgagcct tcaagtaatt gagtagattt gtaagacagt caagtgtcgt gagatctcca 720  
 gcagcaacgt attgcatgtt tgcgacgttg tagttgacaa tctcaagtag ccagccagtc 780  
 tgttccgaga tattctctac cacatactgc agagcctgct cattaaatgt cttggaaatc 840  
 cggcttggat tgacagcgca catagagtag ttggagcgac cttgttcatc gcgctcaacc 900  
 gcaacttgca tagtcaaccc gcgatagaat acgacagaaa ccaagctttc aataggca 958

<210> 5972  
 <211> 866  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(866)  
 <223> n = A,T,C or G

<400> 5972  
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tcacatcgnt cctntanncc aggtgcggct tgatccgata cgcacgaggc ccacggtaca 120  
ctattagatc atagatcacc acagtggagg gccatcacgt cagggactat atcccactga 180  
cctccccgaa caacgcgcga tgatggggctc attggaagct ggtcataggc atagggacca 240  
tctgccagct cttgggttttc taggaaaaga cggatcggga tatcccccca aacacccttc 300  
cgttgcatcg gcccctgtca catacccagg aactcttctt agcccaacaa gcatgtatgc 360  
ccgccagcca ttaccgtgct cataccccac gtcggcccggt cagcgtaccc tttgtgcacc 420  
ctgggttatat ttcgcctacg gattcgcggc gcgcgcttga ggaggaaaag gagaaacaac 480  
agtcacaacc accaaggcaa tcaactgcga ccatccacga ggggtaggaa accaacaccc 540  
cccttccgta ttcttgcgcc cacattgggt ggctccttaa gcagccttgt caatgccccg 600  
cattcacatt ctctctgcc tcaaattgtg ataggaccgc cagacagtgc ctccgacttt 660  
aatccgacgc attgtggact ggcactcttg ccagagtcac cccccaaaat acgggagacc 720  
atacagagcc tgtgactttg gggatgccga ccttgaacc gctatagagt agtaactcgc 780  
cgagagtcca cctggggagt gcacacacgc ctgcacacgt cttgactcca gacgtgtgct 840  
gtagaccacc tacgacgcta cgccccg 866

<210> 5973

<211> 304

<212> DNA

<213> *Aspergillus oryzae*

<400> 5973  
cgggttccgt cagtcaccag ctactactat tctccattcc cctcacgct ctataccgcg 60  
cgcaaaaacc accaactaca tctatcagag aagaaccatg tctcagact cagcctcagc 120  
ctcggggcgc taaaaactcg ttttcttcgt cccgcattcc cacctcgaag cgtgtaaaga 180  
ggccatcttc gcgaccgggg cagggacctt cccgggcggg aaatatacca agtgctgctt 240  
ccagatgccg ggtcaaggcc aattcctgcc gtctgatgaa gccaaccccc cgattggagc 300  
tgca 304

<210> 5974

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<400> 5974  
catgcgatac atccacacat ttccatacca ctccctaatat caatcacaca gctcaatcca 60  
cccacactac accgactcca gcaatccaaa atgaacctcc tctccttagc cctcaccctc 120  
ctcaccaccc tcaccagcgc aactcccacc cctcgccaga tgaacatcct ctaccacctac 180  
gaaacctacc gctactgggt ccaatccggc aactggaaac tcgaccccca agaccaactc 240  
ctcgtcgtca aaaacggcaa cgcagcagac gaaaccacca gcacgtaac cttcaacatc 300  
ccccccgcag ccgacggcca caaatgcaag ctccattcgc acctctggga ccgcgacgtc 360  
tccagcggct cgaagcaggc cgacgtgttt accgctacca agcccacagg cgcgagtgc 420  
tctgacgcga atactgactc tgcacgctg cagtctgtgt cgaaggaggc cgccgatgtg 480  
attgtccagt cgagggatga gcatgtcggc aggattagt ttcttgccct ggaacggcgg 540  
attgggtgtt ggcttatcag gggtatcccg agtttgaat gcctcgctgg gcaaattagg 600  
gggggtttgag tttggtgggg gttggtgatg aggaggctta ttcgggggga tctgtggagt 660  
tccggggccc agggggccca atttgttag attggggggg ggggttaggg g 711

<210> 5975

<211> 693

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(693)

<223> n = A,T,C or G

<400> 5975  
caacactaca ggtttttgtcg tctcaagttg ctgctgtaat taaagaacgc tcttcctgct 60  
caggggtctca gcaggaggac gtgcttctca ttctcactgg caattgtttc atatagtacg 120  
atcatgagct gaattcttgca acaatcccta ctccagactt ccaccacacc ttccgtgttt 180  
catcgacttc caaaaagaata cctctcaacgc gccatggcgt ccctacgaag tgagcacacc 240  
aatggcgtaa acggcgaaac acaccccaca gttaaactcat tagcgaacct tcgtttttcg 300  
gacattccct ctgccattga tattcctgca tccacctcg acagcgaggt cgaggctcagt 360  
ttggaaggtc ttccagacga tctactcgag ctttgactc tactagagaa tgaaaaggcc 420  
cgcaaaaatt tctgggttat catcgcgctc gcttatgcca nacagaagca aatcgaccat 480  
gctatcgaca tncctcacia aggggtgaca tcnctcgctc atggagcgac gaaagagagc 540  
ctcgctngct gggnttggtg tgcttgggtc ctatgttgaa aaagccgaca agcccccaa 600  
tgggcccccg aggggaattg atgccgagggc ttaaaccaag gacattacct tcagctggcg 660  
acgtcaccat aaatgaagca tttcgccctg acc 693

<210> 5976

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 5976  
cccccccca attgaatacc gtatcctcct ctctccgtca agatggcata ctggaaagct 60  
gctggtttga cttacaaccg ctacctggcc gttgctgctc gcgcggtcgc cagatccctc 120  
aaggagaccc ctgctctggc tgctgagcgc cgtggccaga tggacctgcg ttttgctaag 180  
tgggagaacg gcaagcaggg cgaggttcgc tccctcggtg aggccaaacca ggaggccgcg 240  
gttgcccatg ccgagaaaata gacgcttttc gaaatcactc gcatgcgata atatgggata 300  
ttttttacga gaaggggggt acggttgatg atgtgtggtg caggaaatga tttggagctc 360  
tgtagcatat tcgttcgttg acctggtata aatacaatga aaagaccatt tcttttctgc 420  
caacagggct gtttaaaaaa aaagaaaaca aaaaatccct gaggccgcaa attctgtcgt 480  
aaacgacgct ccactgttaa cttgacacct ctgttaaagg ttacatgcct tcccaatgtc 540  
aagcgggtta aggtttccga tgttgcgga atgggtcccc atcctagcgt catctgggga 600  
acccctaata agttgagttg aagtaaaaaa gaaggtggtt atccttacct acatggatta 660  
gctattgttt gaaaccagga atttaataac t 691

<210> 5977

<211> 853

<212> DNA

<213> *Aspergillus oryzae*

<400> 5977  
tctcccccca gcgggcaatg tgggatcgga ttgcctttgt gtacaattgt tgtcgtcagc 60  
tttgtctcga aattgacccc tccgccatac aatcaatgtc ccctgcaagt gtgacttggt 120  
aaaattgggt acccgccaag tgccaggcaa tcgtttctca cagcaatcac tattactacg 180  
gaaaagtaga tctgacagcc tttacctggc cgttccaacg agcttttctt tttccttctt 240  
tccaatcact ggtatcattc gcttgacagg cttccttctg cgccgggtccc tgttgcaagt 300  
atcgtacaac gacggaagcg ctggccgctt attgatccgt taaccccagg gcggctcggc 360  
ttgccttact tatccccctc attaacacgg cgcgcgagc acgacgctt ctatatcccc 420  
tcagagtctt aaccccccggt cccccctggg tcgtgttgcc cgatctctgc cgccatcttt 480  
ggacggcgta aatagcctct ccctttcttc cgaggccctt ctgcctcttt aagatacatg 540  
gcaggcgtgc aactgcaaca acccaccatg accgactatc gattgccgct ccatcagcca 600  
ccacctgctc ggaagccggt tcttgggatg catgctggtt atccattcca gtcctatgat 660  
ggacctcata agcaacagct ctctcaccca tctctcgctc acaatcgggg ccggatgcct 720  
tcggccaatg cgctcgcccta tatggctcag caacaaccgt actccaatac cccttcgcct 780  
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acctctacaa gct 853

<210> 5978

<211> 1749

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1749)  
 <223> n = A,T,C or G

<400> 5978

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ctttccaagc	agttaaaatt	actgggttct	gctctgcac	tggtgcaagc	tgagatatct	180
tgaaaaacca	cttcttttagt	ctatatcctt	cacacacaca	tcaattcatc	atgtctgaat	240
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gcgtgcaggc	cgagtatgtc	tggattgact	ccgttggttg	atgccgcagc	aagaccaaga	360
ctctctctaa	gaaggttacg	tccgttgacg	aactccccga	atggaaacttc	gacggttcct	420
caaccggcca	ggcccctggt	gacaactccg	atgtctacct	gcgtcccgtt	gctatctacc	480
ccgacctttt	ccgtcttggt	gacaacatcc	tcgtcctttg	cgaaacctgg	gattcggatg	540
gaaccacctaa	caagtacaac	caccgccacg	atgccaaaccg	cctgatggag	gtcaacgcca	600
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gaactggcaa	ggtttactgc	cgtgacatcg	tcgaggctca	ctaccgtgct	tgcttgtagc	780
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ttggcccctg	ccccgggtatc	gagatgggctg	accagctttg	gatgtcccgt	ttcctcctcc	900
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ctgtctacgg	tgagggtaac	gaggagcgtc	tcactggccg	ccacgagacc	ggcagcattg	1140
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ctaaggatgg	caagggttac	ttcgaggacc	gccgccccgc	cagcaatgct	tgcccttacc	1260
aaatcactgg	tatcatcggt	gagactatct	gcggtagcaa	ctagatacct	taaccacca	1320
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gatcgaacta	ggagagcagc	ctggcagtg	ggagcacata	gattttcttt	ttctttttct	1440
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cattacccca	tgccgtttat	attttaatta	cttctctttc	gttacttggt	atgtgggtta	1560
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aacaactggt	taggaaacag	gaaggaaaaga	agcaaacact	gtcttagtac	taccgtgtat	1680
caaatacaac	taatcattct	ctggtttcaa	aaaaaaaaaa	aaanaattaa	tgccggccgaa	1740
aattcttcc						1749

<210> 5979  
 <211> 720  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(720)  
 <223> n = A,T,C or G

<400> 5979

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taccacacgc	tcctgaacct	tcgattgtga	gcttccctca	agtcctttac	gccggactac	180
agctcaagat	gaagcatata	cgtgggttta	tctcaaccac	acaagctttg	cgccgtatat	240
ttctcgcacc	tattgaaact	cctagacccc	agtgtcttcg	tcccgccttt	ctcccaacct	300
tcacgcaatc	ccgccttctt	tccatccgcc	gcaagcctca	acagcaagat	gcacagcccc	360
aggcaagagc	aaggcagggtg	aaagatgaag	aaatccgggtc	agaatatatc	cagcttgatga	420
atgaagatgg	caaactggat	ccaccgtaaa	ggcttcatga	tgcccttgctg	acaatagagc	480
gcccggacaa	tttcatattg	caagtctccc	ctggctttcg	cggccgcgca	cccgtttgca	540
aagtcgtgaa	tcgacttgag	atacgagagc	aagaacgtgc	gaaagcaaag	gctgcgcacg	600
tcaacaaaga	attcgtctca	acagatcgag	ctgaactggg	ctatngatgc	ccatgatctc	660
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<210> 5980  
 <211> 1398  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1398)  
 <223> n = A,T,C or G

<400> 5980  
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 gcattcagct tgcagcactc ttctgtctacc agccgcagcg gcagtagtca cgattcccat 180  
 caaaaccacc ttcattcccc agacctttac ttgcaatcct acgatccgct atatcacccc 240  
 aatcctcatt cctactctcc gcagtcgtcc ctagattcac aattcaaacc gtccgggtgat 300  
 gagttcaccc gcctcgagtc ttgggatact tgggctacgc tcgatgccgg ttatcagcca 360  
 tcgatagcca attcgacttc tctctatccg acaccgcca tagaatccct gcctactcct 420  
 gttaataatg atcttacttc aatcctggaa cttaatgact gccagaatt cctccaatgc 480  
 cttgacgctg gtttgacatg tcctgaagat tactgtcctg agcccgctac cacttttccg 540  
 cctccgcctg taaccgcaac aatgacatca tccccagct catcgtctcc ttccagcgac 600  
 tctgttcccta ctccatcagt ttctgggtgtt gcaaaatcta ctacgccttc tcgcattgag 660  
 aagcgccagc agaaccacct ggctgctcgt cgggtatcgcc aaaggcgagt ggatcagatg 720  
 aagagtctgg aagaggaact gtgcaaagtc aacgacgacc gtgaggcatt caacatgcgc 780  
 gtcactaacc tggacgggtga aacggaagcc ctgagatgtc ttgtcaggcg ggaaaagaaa 840  
 tagtgcttgc tctattgctt tgggtatata cagtagtgag attataattg acacggatct 900  
 tgctgtcact cgccgggtatt gcggacaaca gcaacagctt cttcatcctc ccgctcgccc 960  
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 tccttttttc cagataccca ttgttgtaag atcattgctg cgagaatgta atgccgtgtc 1140  
 agcattctgc atgttgtgtt gcagatcagc ttgaccaatc agtactatcc aaatccgcag 1200  
 caggtataga tggctctttt cgatgatttc atttgctttt gccgtttgcc agcacctttt 1260  
 atagctnttt taatgatgga gatctgttgt tcatgtggac gatggatggg ggcgtgtgtc 1320  
 tgtgtctgta tctatttcta ttaggtaatg cactcaatga tantgannna nnnnnnnnnn 1380  
 nnnannaann tttttcct 1398

<210> 5981  
 <211> 650  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5981  
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 aagtcttctc tcgactctat aaatgacagt ctcaaagaca ctcatagcag cctcaacaag 180  
 tattcaaagg ctttagataa gctctttaaa gatagaccac ttccaagtac cgaacatgat 240  
 gccctcgctc cccaagagca cctcatcaac cgagctatcg ccatgcatct cctccgagaa 300  
 ggacagttct ctgtcgctgc aacattcctc tccgaaatgg cggagaaaaa ggccatggag 360  
 tcacagcaac aagcgagcac gggcgccctcg gaaaacgcag cgacgctctt agatatagat 420  
 gaagtcctgc cgaacgaggt tcggaaacag tttgtacca tgtactacat attacatgaa 480  
 atgaaagaga aaacaacttg ctcccggcaa tccaatggtc aagggataat cgggaagcac 540  
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 catggtgggc ctgataggca gggacctatt cccacagggc gacaagaagt 650

<210> 5982  
 <211> 1352  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1352)  
 <223> n = A,T,C or G

<400> 5982  
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 gaagtccatc cagcccgctca agcgaggctt ctcttccccg gttaccctcc catccaccac 180  
 ccagtcgacc accctctcca acggcttcac gatcgccact gagtactccc catggggcca 240  
 gacctcgact gttggcggtg ggatcgatgc cggcagcagg gcagagactg acaagaccaa 300  
 cggaaccgcg cacttccttg agcaccttgc tttcaagggc accaacaagc gcagccagca 360  
 ccaattggag cttgagatcg agaacatggg cgctcacttg aacgcctaca catcgagaga 420  
 aaacaccgtt tactacgcca agtccttcaa caacgatgtt cccaaggccg ttgatatcct 480  
 cgccgacatc cttcagaact ccaagctcga gcctgggtgc attgagcgtg agagggacgt 540  
 gatcctccgt gagcaggagg aggttgacaa gcagttcgag gaggttgtct tcgaccacct 600  
 tcacgccacc gcttaccaga accagccctt tggctgcacc atcctcgcc ccaaggagaa 660  
 catccagacc atctcccgcg acaacctggt tgactacatc aagaccaact aactgctga 720  
 ccgcatggtc cttgttggtg ccggtggtat ttctcacgag cagcttgtcc gcctcgccga 780  
 ggagcacttc ggcagcctcc ccagcaagcc ccctacctct gctgctctcg ccctcaccgc 840  
 tgagcagaag cgcacccccg agttcattgg atccgaagtg agactccgtg atgacaccat 900  
 cccactgct cacattgccc tcgccgttga ggggtgtcagc tgggaaggacg atgactactt 960  
 cactgccctc gtcgccagg ccattgttgg caactgggac cgtgccatgg gcaactctcc 1020  
 ctacctcggt agcaagctca gtcctctcgt tgagcaccac ggcttgcca acagcttcat 1080  
 gagcttctcc accagctaca gcgacactgg tctctggggg atctacctcg tgtctgagaa 1140  
 cctgaccgcc ctcgacgacc tcactcactt cgccatgcgt gagtggtctc gcctgtgctt 1200  
 caacgtcacc tctgccgagg ttgagcgtgc caaggctcag ctcaaggctt ccctcctcct 1260  
 ctcccttgac ggcaccaccg ncgtcgccga agacattggg tcgcaaatca ttaccacttg 1320  
 cncgnnccgc tctccccgag gacattgagc gc 1352

<210> 5983  
 <211> 621  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5983  
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 atgaaagctg aagacagtca gtcaccgccc cagcaaaggc cgatatcgtc gaaatcacgt 120  
 agtatcttta cgccgattga tgatcggtg tccgtcttgg ctcgctcactt tggagtcggt 180  
 ccacctacgt cgccgcgcaa tgagaactca caagtgaagc ttgaattttc acataacgaa 240  
 gcaaaggaga aaaagggact caaccagcca gtggcgccct cccctccacc acgagccgcg 300  
 actgaagcgc ctcgctccca gccgggtacgt gggatcaagc ctcccgttcg gacgaacagc 360  
 ggtcagttaa atacgaaacg tccacagcta aaagtgcmaa taccagcga gaattcggat 420  
 cggggcagcg caacagcaga ttcactctca cgcgattctg cagggaaaca aacacttaca 480  
 ccagccaaag ccaatcttga cgggaaccat tccagtgtcg tgttacctcc gccttcgcct 540  
 tctgccggtg gaatcctcag tgcaggcgct cacggaccac cgaatccatt tgcccgccg 600  
 gctcccccta gcacaactgt g 621

<210> 5984  
 <211> 668  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 5984  
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 gatgtcgtag ggctgttatt ccggaacaac cgccgaaatg atctcgaacg atgggtaccc 120  
 cgatcaactg gcccatcttt tctacccatt cctgaacatc gatggtccta tctgcatgaa 180  
 tcgcaccatc aagtggatct tcctatccct cctgctattc cttcaggtgt tgtccatcat 240  
 ctggttcgcg atgggtcatcc gcgttgccgt tgggtgtctc cgtactggaa atgcagagga 300  
 ctcgcgcagt gatgatgagg aagaagaaga gatggagatg agaattctga gcaaggatgg 360



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ccctaattgga agtgcggcag gttctgatgg caccactgcc gactggcgcc gattgaacgg 420
atcatctacc gtacgccttc gcgcacgtgg gcggttcga ctcggtgagc aaagcgatcg 480
caaagcacta ctatgcagaa tcggatgcga caagccaacc tagttgcgcc atgtttctat 540
ttcgcatatt tctttttaac ggtatcatgg gattgatatg cagcgatgcc gatattaacg 600
acttagccag cttttgaaaa aaagagagaa caccacacgt tttccaatgg acccaccatg 660
cccaaccc 688

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<210> 5985  
 <211> 706  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5985
tctttatcgc aagctgtcac tcttttctca cccccagtcg gttctctagc atcaaacttg 60
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ccctaattcat ccactttgtt ccgccataat gttgttcgcc aagtctgctc ttttcttgtc 180
ctttttggcc ctcggaataa ttgccgcgcg tgcaggccct aaggcttgcc ttctcgaggc 240
tctcggcact gagccaagcc ccggtgatct caaagccgtc tgtgttgata aagtgcagac 300
caaaatcgag agcctgtgca gcgatgatga caagcaagac gctctgaagc agttcgctga 360
cacctgcacc gctgctggac acaaagtcgt cgtcaacacc tgcacctctt caagcgctc 420
ttccaccggt acttccactg ccggttccaa gtcaagcagc tccggttttg tctactgtac 480
cgctaccagc acttccagct ccggtcttag tacctccggc tctgattctg ttactaacc 540
cagctcgacc tcttctttcg gactacctct tcataccgcc aatgccggct cgtctgatag 600
gcataattccc gctgctggct ttgctgcagt tgtcttcgtc ggcttcgctg ctacgctgta 660
agggtgatca accttcgaat cttctactca gctgcgcagt gaggat 706

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<210> 5986  
 <211> 873  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(873)  
 <223> n = A,T,C or G

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<400> 5986
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ctcccaccgt ccgctcctcc ttggcagcaa gatccttcgc tagcgttcag tcggacatct 180
tcaagccgac caagtatggc ggcaaataca cggtcacgct tattccaggt gatggaatcg 240
gtgctgaagt tgctgaatcg gtcaagacca tttttaaaagc cgataatgtg cccattgagt 300
gggagcaggt agatgttagt ggtgttgatg cgggcaacaa acaactcgga gaacttttta 360
aggaatctat cgcttccctt cgcgcgaaca agctgggtct caagggtatc ctcttctact 420
ctgttgagcg ctcgggccac caatcattca atgttgctct ccgacaggag cttgatattt 480
ttgcctcaat tgttctgac aagaacatcc cgggctacaa gacacgccat gagaatgtcg 540
acctttgcat catccgtgag aacaccgagg gagaatactc tggccttgaa catcagtctg 600
ttcagggtgt cgtcgagtcg ctgaaaatta tcaactcgtc caaatctgag cgtatctcta 660
aatttgctt tggctttgcc ctggcaacaa acaggaagaa ggtcacctgc attcacaagg 720
caaacatcat gaaattggcc gacggtctgt tccgtagcac tttccacaag gttgccgaga 780
actatccgac tctggaggtc aacgatatga ttgttgacaa tgcattncatg caagccgtgt 840
cccgccccca gcagtttgat gtcatggtca tgc 873

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<210> 5987  
 <211> 1438  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 5987
cacttgggtct catcctctat agaacaggag actgctactc tgtacattac ctgaacactt 60

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tcgaaactgc	cgtgaacaac	ggcctggaga	ttgagcggat	ctatgagcgg	gatctcaatt	420
ccggggcgga	agacgggaag	gaagtcggcc	gggactgggt	acctgagcgg	gagggcggaag	480
gccccgagaa	tcgcaggagg	tgggtgtgtga	ttgctctcct	caagagaaaag	ggagagtaga	540
tggggccaaag	gattcagata	cccaggataa	agcccccaaa	ccagcatcca	taagcggcat	600
atgccaatgg	atccatacat	catgactgat	gaaacgtgac	gactgtacag	catgattgaa	660
gatgaaaaag	aaataa					676

<210> 5990  
 <211> 691  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5990						
gttatatagt	gtgcggtaac	aaaagtatat	ccatccacca	tgtcagtcga	aattgctcag	60
ctccacagtg	aggtcgaggc	tctcgtcgag	aagttcgacg	ttctctctaa	gatcaaggaa	120
atccaggagg	caggtgatgt	ccgttcaccc	gtccctgtga	ccatctctgt	cactaccgat	180
gccacccatca	gtctcctcga	ggacaagtca	accattggcg	agtcgaccga	agccccgaag	240
agcctctcca	agggcgagaa	atcttccctt	aatatcaccc	agggcgatga	actcaagtac	300
accgtcactg	ctggtgagct	cactagcgac	ttcaagatcg	tctttgacgt	tgacaagagc	360
gcacccaaac	tgaagctcag	cgacgaactc	gaggacgaca	acgccccaat	cggattcgag	420
accactaaga	ccgagaccaa	gactgaaatc	gaaatcgaac	gcgaggctga	ggttgagaag	480
gaatggacca	agggcaagaa	gccagagagg	aagaccagca	aggagactaa	gcacgaggca	540
aaggctggtg	cacactccct	ccagcacgag	gtcgagacca	agttcaagca	ggagaaggat	600
aagagcgaga	cggaaaccga	gactgagatt	gagattagca	acaagaagggt	cgagggttag	660
tatgttatct	actagcgctt	agggtttcac	g			691

<210> 5991  
 <211> 1004  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5991						
gtcacattca	agttcaaagt	gcgtccagta	cgaactccac	gagtgtgccc	tctgggtatgc	60
tgccatcggt	gataaacgtg	acgaggttac	cattcgatct	tcattgcgaa	acggacttat	120
cggcttttacg	catcgagaa	tcgcgtggtc	aatttagatt	acaccacact	gccttctaca	180
tcagagttag	tgcccatatc	ttctgggtggg	ttttacgcaa	acctcgtatc	cttcttcttg	240
aacgcgctct	ttgcgatacc	agacctgggt	attgggagcc	acccggtggg	gctgccgaag	300
atcaggacga	aacaccggga	gatgccctaa	agcgagaggt	tggggaagag	accgggttac	360
aactgtccca	agtcactcat	acgctcccga	ctcaaactct	gacacggtca	aagggaacgcg	420
aagactacaa	ttgggttggc	cttccatgta	tcacaaaggt	ctctgagctt	gaaacttttg	480
aatcacgcgg	aagtagccaa	cgtgcgtctc	agcctgtact	gaaatgggag	gacattatac	540
gactgaatcc	tgaggagcac	caaaattttg	catgggcaac	agaggaggag	gtgcgatgag	600
acaagtataa	gatgttttga	aaccacaagg	agactgccct	caaggctttt	gcagcagtga	660
cagagaactg	ctcagcttaa	gtatgggggtg	tgtggatgga	atgaggctga	aggatgaggc	720
tggaggatga	ggctggagga	tgaggctgga	ggatgaggct	ggaggatgag	gctggaggat	780
gaggctggag	gatgaggctg	gaggatgagg	ctggaggatg	aggctggagg	atgaggctgg	840
aggatgaggc	tgggaggcta	gaataataaa	agtcacgcga	gaaagaagta	aagtcaagaa	900
ggtcaggatt	aattccaaac	tttagactag	tcttcagaaa	tgtgatagaa	gatgggtacc	960
ccctgaacaa	aaagcagaga	aagccaatac	atgctgtctg	ggtg		1004

<210> 5992  
 <211> 712  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 5992						
ggcagcgggt	gcgctcgtga	cgacctccct	ttctaacggc	gtcagcgtcg	gcaatggcac	60
cgttttcccg	cacgcccga	atggtggccc	caaagatcgc	ccggtctccg	gcatagttcc	120
gccgtactgg	agtcaccatc	ggaatgcctc	ccgtacctct	cagatctctc	tcgaacagcc	180
cgcgatcacc	ctggaagacc	atacagagga	tccagattcg	gagacgagcc	gcggactatg	240



<212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(932)  
 <223> n = A,T,C or G

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aagttaaaaa ggacatgaaa caataaatac tacggaaatg acggagtagg aaacctgtgc      180
acgaggggaa tggcccaaat ggcgcgattc caaggaactg acggactgag gcaacagctt      240
gtccttccgc gctatcgggc gaaagtcaca tttcacccct tatcagtggg gatattgact      300
caaacccccg caaggtggta taaagtctcc cgggtgtccc ccctgtccac ggcttgtttc      360
tcttactacc ctccaactgt caacccctta agcacaccac cttacctgtc cacttcgaac      420
acttctccat tgaaacattc actacacctt tcaatttgcg cactgaaaca tgcctctcta      480
caacgtcaca cttaagaaag actctccccc tgaagagttg gagaaagcca aggagcaggc      540
cagggaaaaa ggcggaacca tcaagcatga gtacactctt atcaagggtt tcaactgtcg      600
gtaccccgag gaccatgtca gtactcttga gtcgagtgc catatccacg tgaacagga      660
tcaagaagta aagaccagtg gataggaata cgcacgcgat ccggggcaaa cggcgatata      720
gtcactgctt gcaacaaata gcagaactgg ccacataact aagcatcgat gctggcctgg      780
ggaagttgcg gttcaatggg ggctgtacga tttacgaata tctagtcta gcgtttcaag      840
agaatgtttc tcatgagtac cgggactgct gtgcggaaag ctggactcat ctgggactgt      900
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<210> 5996  
 <211> 688  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(688)  
 <223> n = A,T,C or G

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<400> 5996
agacgtgatt cgtcttgtca ccctttctcc atcccaattt actgagatta tcgttcaaac      60
acacattggt tctcaatata ccaaaatctt ttatttttat cctgcacact gctgtgcact      120
atagcaaaat ggcacctcgt ggctttacga atcctgctcc caaaactgag tctgctcgct      180
ctgctttgag ctgctttacc tgtacactct gcaacaaatc ctattcgcgg catcccagtg      240
atgaagcaca tatctcttcc tacgatcacc agcatcgcaa acgccttcaa gatcttaaac      300
aactctcccg agacccaaac gctgcggaga aggctaggcg agcggaaagg agggctgacg      360
cagaggctgg cctaagagtc attgatacca aagctagcgc agcagtggga accgggggcg      420
gggggtggcg aggtttcaag aaaggggggt tcaagagctc ctttaccact gtcaaaggtc      480
ctgtcgttcc gacagcacca acgaagaaga acgtacttgg ggatgatgac gacgaagatg      540
aaataccaga atcaacttat ataagccaac gtgctcaggc taccgaagac ccaagtgatc      600
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cctactatga tccccttaag ccgacggg                                     688
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<210> 5997  
 <211> 657  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(657)  
 <223> n = A,T,C or G



<210> 6000  
 <211> 685  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6000  
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 tggtatcttt gctgttgact cctccgccga cagcacttat tcttggcca acggcacagc 180  
 tctcgttgcc acttacgagc gcagcctgaa ctccaccggc atcgctaacg gaacctcatt 240  
 ccccgcgatc cctgaccaga atacctttgt taacaatggc ttgaatacgc ggccaacgtt 300  
 cttcggatgt aacagtacga acaccacagg ccctacgcct ttggttgtct accttccgaa 360  
 ctatccatac gtgtcttact cgaactggtc aaccttccag ccaagctatg agatctccga 420  
 aagagacgac accatccgca acggatatga tgtggtgacg atgggtaaca gcactcgtga 480  
 tggtaactgg acgacctgcg tcggttgtgc tattctgagt cggctcttcg agcgcacgaa 540  
 caccacaagg tcggatgcct gcacccaatg ctttcagaaa tactgctggg atggcactac 600  
 gaacttcacc aaccttgccg actatgagcc tgtcacctg tttgaagata gtgctgggtc 660  
 cgctcttttc ccggtgtgat ataac 685

<210> 6001  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6001  
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 ctgcgcgccc aaccttcagt aatgcaagt ccattagacc tcaaccagg gatatccaat 120  
 tagattcgcc tgaggataca tgtgcccccc cctttgaaca attgggcaga attccggtga 180  
 ttgactatga agagtggag gagtttgtgg ctcttaatca gaagacgaag cctatcacia 240  
 cgcggcgcaa gcacagcctt agctcacaga gcaagaagtc tcgtgttttc tacgatcttc 300  
 gtccgaacgc ccagaagtcc gaagcccatg aagcgaagcg ctcatcgagt gttgagcgct 360  
 catcagatga cattattgga ctgcacttga aagacaacga gaaagtcttc gcggatgctg 420  
 tcaacgaaaa acaattagtt gaaaatctca aaaatgagaa tgaaccgact ctgttcggct 480  
 tcttctcgtc cgagtcacag agtactgtac atgctgcgga actgggcgaa ttagttttcc 540  
 ctgtggaaca cctttcgaga cttttttcca actggccccg gaaagaggcg ttggtggctc 600  
 gaagtthtga atccccctga acccaaattg gtgctctttc gaaaaccttt ttcaattccc 660  
 ccactggaca aacaaagaaa t 681

<210> 6002  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(694)  
 <223> n = A,T,C or G

<400> 6002  
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 cgacccctgt cctccagac acccagcacc tcagcgcgtc tcaccggccg gacctgtatg 180  
 atcacaggcg ggacatcagg aattggattc gcaatcgcaa accgattcct ccaagagggc 240  
 gcagagcgca tcatcctcgt cggacgatcg tacgagcgtc tcctcaaagc cgccaccaga 300  
 ctccaagtca atgacgaagg cggccgaaac caagaagcgg ctgatgaaac cgtacgaaag 360  
 tcacagggaa ctttagtcga atcatcggat agaatcagtc tccttgtggg tgatgtatcg 420  
 gaggctgggt cgtggctgcg tgagctaaag aaggcgatgc aaccgcgtcg tatcctaata 480  
 aatgcagctg ggatctctaa ctccaatatt cttccgaaga catctcctga ggaagtctca 540  
 caaacctctc ggacaaatct tgaaggcgcg atcttcacat gtcgcgctct tatccgggct 600  
 tntctccgta acagggttaaa ggggcccgaac cgcgagaccc gacccccctc gaaatgtatc 660

ataaacatct cgtcattact agcgctgaaa gggg

694

<210> 6003  
<211> 674  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(674)  
<223> n = A,T,C or G

<400> 6003  
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gattgtgggt ggcgccaatg gtattggagc tagccttgta gagctctgtt gccaaaacgg 180  
cgcttacgtc tgcattggag acatcgatac tgcccgagga gaggccctaa gcaagaaatg 240  
ccgggacaaa tggcctgtct acttggaccc tgcccttcca ccaaagccgc cccgagcctc 300  
cttttacacc acggacatca ccgattacca ggccgtagcc tcctctttg accgtgtatt 360  
caagacctac aagcgcattg atcatgtagt agtcacagcg nntagcatgn aaagcgggca 420  
caattggttt gaccaaagt gaatttggag tcgtgcaaca gccttcttcc acganggata 480  
ttgacgtcaa ctcatcgggt tcctctatgt caccgcgnatt gctagcgtct acttccgcca 540  
taaccgagac caggagttga tcgaaccatc ctggtggtct cctgtgcccg ttgcttcaaa 600  
agagacactg gnggatcaat ntaccaggct tcaagccacg tgtccaagcc taatgccgtt 660  
ttttgcctt aatt 674

<210> 6004  
<211> 670  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(670)  
<223> n = A,T,C or G

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tcgatcataa caagatagtt cgtttgcaga ccacttaaag gtcagtcatt accggcatgg 180  
ttcagactga cctagcacat ccacgcagct ccaaatacaa agacgagccg gctgacgagc 240  
atcttcgaca ccctgggcat caaggccccc cactcttca acttcaacat ccaaggccag 300  
cgagtcttgt ccaacagcaa aagcaccaca actctcctct tcaaccacagc gcagggtctat 360  
cttctggatc gtacgcccc cagccctgg ggaacggagt tctgcaccat ccgaatccgt 420  
acggaccacc cgcacaagag ccagcgtact acgcaccca ccctccatat acagcagcaa 480  
gtgcaccagc acagtatccc tctagtggac cccctgaaat gatggcnaca gccacccaga 540  
tgcaaaggcc ttatcctcca attaccaaac accacagtcc ggttctccag catcgggaac 600  
ttctcagtca catgaacagc acagccggaa cttttacagt caatcgccac aaatggcatc 660  
gcagatgtat 670

<210> 6005  
<211> 732  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(732)  
<223> n = A,T,C or G



<400> 6005  
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ggaagaaagc ctcgcggaac gcacccccat cggacccccat cccctcaaa gtcggaaaat 180  
ccgtcctcct agcagcacia tcaggccgca cagcatccct cgcctggtgg gacgcctcag 240  
gcacccccca cagccacgcc gaatcagttg cccgcacgcg cagcacgcac ggccacgtcc 300  
acgtgctcga cttctggtac cgactcaaag gcgccaagat gatcttcgac tcgcaggtcc 360  
ttgtcggacc gacaaagaac ggacacgaca acgttctcga atggtggcga cagagcggtc 420  
tccgcgtcga gttcaagacg tgcgatatcg aagaggccct cgaagatgca gaccccggtg 480  
ccggtgccga agaaagagtt cggcggtggt gggctcgcaa tggactcaac cttggcggtg 540  
ggacgagcga atggatgana acgaaagtgt tgtgattgta cttcttgggc ttcccttctt 600  
ctccttccat ttgtataatg acttgatcgg attcttatng ttagaaatac cccttatttg 660  
gctttacggg ttacngagca caactgggta cgcacttgat tatataggta tagcctacac 720  
tttaaaatga ac 732

<210> 6006

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<400> 6006  
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tctttggacc aatctttggt caaatatacg ccatacttgg aggggcggtt tccaccgct 120  
tacaccgact cacctaccgc gctgtcgagc atccgcgcaa tgttgctggt atcggtgctt 180  
ctttcgctgg ataccacgcg gctaaatgcc ttgctagtcc gcttccaact ggataccggg 240  
ctgtgggtat cgagaagaat acccattttc agttgacttg ggttttgccg cggtttagcg 300  
tggtgaatgg ccacgaacat aaggctttca ttcttatgg gccttacctt gatcatgttc 360  
ccaaagggtt cttatcaatg ggttcgtgat agtggtgagc gaattgtacc cggtgagaat 420  
ggacatacgg ggaaggtaga gctcgctctt ggtaaagata ttgaattcga ctacttggtg 480  
cttgcgactg gggcatctgg agcacttcca tcgcgagtag cagccgggag caaacaggaa 540  
ggcatatacc agctactcgc tgagcaggaa aagctccgag ctgcgacgaa tgtggtcatt 600  
gttggtggtg gagctgcccc aattgagctc gtggcagatg ctaaactcgc atatcctgaa 660  
aaaag 665

<210> 6007

<211> 764

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 6007  
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cactatctcg cctcaccggt gtatgactca cgacaattcg tggcctggtt cattgaaatt 120  
catgtctatt ggtgcaacga aactacatga tccgaagcag attgtgatga cgctcgacca 180  
cgatgtacag aacaagtcgg agaagaatct ccagaagtat cgtcagatcg aagactttgc 240  
caagcaccag ggggttgagt tttatccggc cggaagaggt attgggcatc aagtcaggtt 300  
cgaagaaggc tatgcttggc ccggtactct tgtggtcgct tccgatagcc atagtaacat 360  
gtacgggtggc gtcggctgct tgggtacgcc aatagtgaga acggacggtg ctagcatctg 420  
ggccactggg aagacatggt ggcagatccc gccggttgca aaggctactt taaccggtgt 480  
attaccaccg ggtgtgaccg gcaaggatgt gatcgctcgt ctttgcggtt tggtcgataa 540  
ggacgatgtt ttgaaccatg caatcgaatt tactggcccc gaggagacta tgcgcagtct 600  
atcggtagat gcccgggttaa cgatcgccaa catgacgaca gaatggggtg ctttgtctgg 660  
actgttccca attgacaatg tattgaaagg atggctgana ggcaaggcta caacagcagc 720  
cattgggctt tgcgaagggt ctcttcaaga ccctagcccc ccag 764

<210> 6008

<211> 639  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6008  
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 ggcaccacaa aagtcgcgta ccgaagtgcc acggtctata ctccctcgct tgacatggaa 120  
 cggctcctct gctcggacta ctgttcctcc tccccagagc aacattttat cagcaaggca 180  
 acaacagaga acgctacgca tacatagctg gaactctgcc gggcgacaac tacatacttt 240  
 gaccttttct cctcaactct ctacatttgt ttccgcaaca gtccgagagc cgaccttctc 300  
 ctcaatatct agacgattac cagaatcaac gagtcgtcca accagtcgac cggcagcacc 360  
 cacaggtaat cctatccgat ataattggtgt ttacgtcgct gcatttaaac cagctcggcg 420  
 cgctttccat gcctccgcca cccaacaaag ggaccaccat ttcgatacgt taaagttcgt 480  
 tcagcgggtg aaagaggaag gtttcagtga ggaacaggct gtcgcgatga tgcgagtcct 540  
 aaatgatgtt atccaagagt ctattcagaa ttttaaccgg acaatggtcc tcagagaaga 600  
 caccgaaaaga tcgacgtata ctcagaaagt cgatttcgg 639

<210> 6009  
 <211> 1216  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1216)  
 <223> n = A,T,C or G

<400> 6009  
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 ctcaggaata taccagtcta acaccaggac taccacaatg aagggtctcg cttttgtgtg 120  
 tggcctcctg gctacatctg tgtctgcca catgcaaagt tcgaaacat atccgattcg 180  
 gagtccgttg aacaaggatg cagatggcga gaaggactat tcatacacia acccgctgtc 240  
 tacaagtggc tctgactacc cttgcaaagg atacgctaac gacccattca actctgtcgc 300  
 cacatacagt ccaggccagg agtacgagat cgaattgcaa ggtagcgcaa cacacgggtg 360  
 nggttcgtgc cagatcggac tctcctatga canaggaaag actttccatg tgattcactc 420  
 cattcttgga gggtgccatt tganaagaaa tacaagtcac agtccccagc gatgcgcaa 480  
 atggggaggc tttgttgctc tggacgtggt ttaacaaggt tcggtaccgc gagatgtaca 540  
 tngactgtgc acaggtcaca attgggggtg ctgcgaaaact gcaacaacia acgctctctc 600  
 tcgtcgtgac agcttcgaca gtctcccga gatcttccag gccacaacia atggaccagg 660  
 ccaatgcacc accactgagg gtgaggaagt gaatttccca ctaccgggtc cctctaaaga 720  
 gggaagcctc tctggcaagg gctacacatg caagagtcc gctcctttcc tgggtgattc 780  
 cagctccgca gccagtggta ctagctctgc tgcccacgcc cctaagagct ctgctcacia 840  
 gttcggctcc gcttctgcgt ccgcgacacc ttccagcaag gtcgcttctg ccttcggcag 900  
 tccgtcctcc cttcatggcg cttttgccac gccatcccc tcgcagccag ggcgcgtcga 960  
 ctgcacccc ctcaagcacc acgagtcgag ccaggaaaac tgcagagacg gtagcattat 1020  
 ctgcagtga gacggccaaa cctggtctat gtgcaccttc ggtcatccta ccttcatggg 1080  
 tcctgttgcc gccggcatgc gctgcgcga cggcgccatg caccgcgtgt ggtgaagttg 1140  
 aatctctatt tggacctgct aagtgcatat ccctcgacca cgcttcgccc gcgccagtat 1200  
 acaccattct tcatat 1216

<210> 6010  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = A,T,C or G

<400> 6010  
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catggtcata ttctcccttt ctttggcggtg ggctgcctcct caagtctcat tactttctgg 120  
gagacagtct gatctgtctg gtgttactcg aagattgatt gaacaaaaag ccgattatga 180  
gatgtgacaa gaccaacagc acggaatctg agcgataagc gnnnctnattt actctccgcc 240  
gctgaggaga agggggagac tgaattgggtt acatattgat tctgtttatg actgtattta 300  
tttattctac tattcttata tattattata tgtgtcacta ttagtatgat atttctattg 360  
agaggttata tttgtgatgt tatctcctac tattagaatt agagtgtctg atgttatttt 420  
atgttatttt tataacattt ttatgttggtg tgcatacaga tatgtgattg tttatagttc 480  
gaacttctat tagttcactg tatctgacta gttatgtgta ttatcgctct ctctttttaga 540  
gttatattta tctgtgtgag tgatagtttc tatatatctg tgttagttag tctgtttatg 600  
tctgatagta tctttcgctg ttactgacat actgtcagaa aataaaaattt cctaagggtt 660  
aaaagaagtt acccattgtc tcattttttta ttttgt 696

<210> 6011

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 6011  
ttctataata ttacttgcac acgcagctct aattccttcc ttgaaactgt gatcgaaaat 60  
gggaattaca aaacctctc atgatgacta tacgattgcc tggatttgcg cgttaccgct 120  
ggagatggcg gctgccaaag cgatgcttga gaagacgcat gaatccctcc cccaaccaca 180  
agcggaccag aactcctatt ctcttgagga aatgagcggc cataatattg tcattgtctg 240  
tttgccctct ggagtgtatg gaaccacatc tgcagccaca gttctctccc aaatgctgtc 300  
aacattctcg tctatcaaag ttggtttgat ggtggggatt ggtgggggtg taccagcga 360  
aagtgttgat attcgcttgg gggatgtagt ggtagcatg ccatccggct cctcaggtgg 420  
tgtgatacag tatgattacg gcaaggcatt atctgatggg tgctttcaac gtaccgggtc 480  
gctcaacagc cccctcagg tactgttgac tgccgtctct cagatgcgca gcaatcacat 540  
gattaaaggt tctgaaattt atgccactat cacaataacc ctggacagta atcggtacat 600  
gggagaacat ttctcgcccc ctgatagaaa cttgctgttc aatgcgaaat attaacttcc 660  
aaagcactgt cttgaatgct t 681

<210> 6012

<211> 970

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (970)

<223> n = A,T,C or G

<400> 6012  
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aacgttgctg cccgctctgc tctcagggct ttctctagct ccaatgcctc tgtggctcgc 180  
tcggcccttg caaacaatgt gttcaaggcc ccattgacct cttccgctcg ttatcccgct 240  
cgcccgacca cttctcccag ccttgctctg gctgctcgca agcctgtgac cactgctctt 300  
atccgccatg cctctaccgc tcccaaggag ggcaaggag gtgaggagga tactgatatg 360  
atggccggta tcaagagtga ggcgaaagt atcaaggata ccttcagcct cagcgatgtt 420  
cccaaggagg ctctttacct cggcatggcg ggtgttatcc cctacgttgc cacttctctt 480  
gagactgtct acctctccta tgagatcaac cgtgctgctt ctctcggtga tggcctcatc 540  
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ggtgctgtga tcctttcctt cctcggtgcc atccactggg gtcttgagtg ggccggatat 660  
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cccactctga tgttncccg cgaagttgcc ttgatcagac agttcctgct ttcactttcc 780  
tgtactacaa tgaagctctt gccgcccgt gccggcctgc ttccgcctgg tacggcatgt 840  
acccttttgt cctgacctta ttgtcgggcc accttgtcc ccactttatc ggtccgaacc 900  
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<210> 6013  
 <211> 728  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

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gcattctccc cacacgctcg ggcacacaac ggcgccgtca caggcgctcg ctggacctcc      180
aacggctccc acctagtaac atcagggtcaa gacgcgcgaa tccgcgtatg gaacgcatca      240
acaggcgcaa acacactcgt ccacttcgga cccagagtcc gcaacgccct gacctccac      300
ctcgccgaaa gggcaccact agttctcccg aaaggcgtca cggggcctgg acaagagacg      360
ctcttatggg ccaatttcag cgagaacgat gaccgtgggg agatcctgat gttcgagctg      420
cgggagggca cttttgtcaa gcgtcttaag gtgcctgggg tgatggggcg gcaacagcag      480
ttccggggcc ggtctagtgc gtcagtgcg gcgaggatta attctctcgt ttggcgtggt      540
aatggggcgt cgggggaggg catggagatg ttttctgcgc atggggatgg gacgatccgt      600
tcctgggttt cgaggggaacc ggagggagaa ccggatgaag cggaggaagc tgagcaagcg      660
gatcgaanac ggaaacggga tgttttgat gagatttaca ggggggttat tgggcaagcg      720
taagctan                                     728
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<210> 6014  
 <211> 620  
 <212> DNA  
 <213> *Aspergillus oryzae*

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gatctttaac aagcgtggcg ttggtttttc aaaatgtcaa acgatggata tgactggctt      180
tcgaattatc cagcaccgga cttatatcac gttgatcata gatatggacc tgcttctgga      240
ccggctcaag gagaccaggc tccgtatctc agtgcgccgc cagcaataaa agctgccacg      300
gacagccctt ccggctatct tcaactccca tatcagctac ctaaccaaga gttgatgagt      360
tatacaaata gcacctccca gtaccagtct gccgtccca tgccaggctc ttaccaggga      420
ccaccacctt actatacgcc gtcaactgct ccagagacct cccaaggaca ggtctctcaa      480
cagcccttca cttattacag tacttcatgg aaattcacac accatacgtc atactatggc      540
catgatacga aaaggcgccg tacagacact tttactccat tcaaccagca ttggataaca      600
cctacgggtca ctcccgacat                                     620
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<210> 6015  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(658)  
 <223> n = A,T,C or G

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atcgcgaggt agtcgcattc ctgcagcagc gtaaacccaa gaaccctccc cgaccctaagg      180
gtaaacagct acctacatcc acggaaccaa accgaaatca aagcagttca agcaagcgcc      240
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tat	ttt	tat	ca	agt	atg	tct	c	att	taag	tag	acc	agg	tat	c	agt	gct	aa	t	gt	ca	at	gaa	60		
tg	ttt	ac	aca	at	at	gc	ag	ta	cat	g	ttt	cc	tc	at	ca	cg	aa	ct	ca	ag	c	tt	gt	ta	120
gg	gt	t	ct	t	ga	agt	gt	c	ca	at	gg	cc	gc	ag	ct	at	gc	t	tt	ca	ta	ct	c	ta	180
tt	ct	gg	ca	cg	t	ct	tg	ag	cc	act	c	ag	at	act	tg	ag	ag	aa	ct	tt	ca	aa	ca	tg	240
aat	gcc	at	gc	tt	cc	at	cg	cc	gac	ct	t	ct	gc	gg	ct	t	ca	gt	tt	gg	cc	cc	ct	gc	300
aa	ag	ca	tc	gg	tg	tc	gg	g	gt	gc	gc	gc	tc	at	ga	cg	tt	at	g	caa	aa	tc	gc	t	360
tg	ga	ag	cc	gc	cg	cc	gg	t	tc	gc	ata	aa	tg	gt	tc	ta	ag	gg	cc	ca	aa	tc	gc	g	420
at	gg	t	gt	tg	g	gt	g	ta	gg	cg	gc	gc	g	aa	ag	t	gt	tc	tt	ct	tg	ca	cc	aa	480
gg	ga	ag	at	ga	caa	ag	tc	gg	gc	gc	at	gg	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	540
gt	g	aaa	at	gg	a	ag	ga	tc	gg	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	600
ag	gt	ca	ta	ct	tg	ta	ag	gg	gt	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	660
tc	ct	gc	ag	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	720
tc	ct	ct	ca	ta	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	780
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<210> 6022

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6022

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gg	cc	gc	gc	ac	g	gt	tt	cg	ac	at	ca	ag	ga	at	tc	aa	gg	cc	gc	gc	180
gt	cg	gt	ct	gc	g	caa	aga	agg	acc	ct	tg	gc	at	gag	gc	cc	tg	gg	ag	at	240
ct	t	ca	gt	gc	tt	ca	acc	g	tt	ca	ag	cg	at	ct	tc	cc	cg	gc	gc	gc	300
ct	t	cg	cc	ga	ta	ct	gc	gc	at	ac	gag	gc	gc	ct	tc	at	ga	ag	gc	gc	360
cg	ga	acc	ac	ta	aa	cc	ag	cc	ca	att	ga	ag	tc	at	ga	gc	gc	gc	gc	gc	420
ac	ga	acc	gc	gc	at	at	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	480
ag	ac	gt	cc	gc	at	acc	ang	aa	gg	gt	tg	gc	gc	gc	gc	gc	gc	gc	gc	gc	540
aat	ga	at	ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	600
gc	gc	gc	cc	ct	gc	tc	ta	at	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	653

<210> 6023

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(690)

<223> n = A,T,C or G

<400> 6023

cg	gc	at	cg	gc	gc	tc	ag	tt	gt	tg	gg	gc	at	gc	gc	ac	gt	tc	gg	gc	at	ca	gg	tc	tt	60	
cc	att	act	ta	gc	ag	ct	tc	gc	tt	cc	tc	cc	ag	att	at	gc	gt	at	ct	ct	ta	t	act	ct	ac	gc	120
tg	gt	ct	ct	ca	tc	ga	ag	tt	tg	at	ct	gt	cc	ac	gc	cc	tt	ca	ct	gc	gc	gc	gc	gc	gc	180	
ct	gg	ga	at	gc	gt	gc	gt	tt	tt	tc	at	ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	240	
gc	gg	gc	gc	at	tt	tt	gc	tt	aa	ta	acc	ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	300	
tc	att	gg	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	360	
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ct	tc	ct	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	540	
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at	cc	tt	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	gc	660	

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690

<210> 6024

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 6024

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aatattgctt	ttcatattat	tagcgcgtct	ttgtccgctt	ttgattttct	ttcttctctt	180
cgtacctatt	cataccttat	attctatgga	tgagtattatt	tatgtgtgct	tttgtagcga	240
gcgatgtgtg	actactcacc	tatcacgttt	ctactaccat	tatctggcag	caaccagtgc	300
tatgtctgtt	tatatcggtt	tggttatgtt	gtacgaagtt	tcctattgtt	tccaaagaaa	360
cctgcttatg	tttactttac	tggaacgcga	tgtatggaat	gaatgttttg	atggccctct	420
tatttttggt	cttggtttttc	ttgggtttttt	tatttatattt	atctttttttc	ctatctgcac	480
catttcaaata	tcttgagatg	gtcaaactct	tggatgatct	atgatgcaa	acacgtcttg	540
ccttttagcta	tatgccgaat	ccagccttac	tctgactgat	cgaactgttc	cttaaagggtg	600
attataagat	gagttgtggg	ccccgatata	actatgatgc	angtggcgtg	aagttgggta	660
attcccaccg	cactta					676

<210> 6025

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 6025

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cgtcagataa	caagtcgggtc	aaggatacag	cccagaaaaa	ttcagagagt	gaagacaatg	180
acgccgcgac	atccggaggg	ggatatgccc	cgtggaggac	attgcggcat	ttgaccgtgg	240
gcgcaggatc	aagcattccg	tcgtataact	ggtatgctgt	ccccggtctt	ttagctttgc	300
cataatggga	caatatacta	atagatcaac	aataggttca	tgttccttca	ccaccacttc	360
aatttcgcat	ccaaattcct	ctcgatcctc	actaaggctc	gcgtgcaaca	ggccgtgttc	420
acacccgtct	tcaacaccta	cttcttcagt	gtccactcgc	tgctttccgg	cgcaactctc	480
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ttgtggcctg	cagtcaccgc	gttcaacctc	atgtacgtgc	cggctcaatt	tcggaatata	600
ttttctggag	ttattgcggt	cggattgcan	aacgtatctc	aacttggtga	aaccanaagc	660
gngcgcagaa	gtctagg					677

<210> 6026

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 6026

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acgacgacca	ccatgcgaac	ccacgacgaa	ttctcgcgcg	accaagatga	gcccgaccag	180
cccacaaaaa	gaaacaaggt	tacccatccc	gcgaaccgca	tctgctatga	ctggatggtc	240



gtatctggaa	actgtcacta	tgctagggac	cgcgccgtat	tcacgaccta	ccgctccgtc	300
gacctgcgcc	tgaaaaacaa	catcttcaat	cccaccgaag	agctacacgt	cgcgggcctt	360
ggcaccgttc	atctcaccgt	gtgtagggac	ccgcaggacc	cgacgtcgca	tgtcatctgt	420
ttggaggatg	tgtgcatat	ccccgaggcc	gtgtgtaatg	gtttcaaccc	gctgctattc	480
ggtagtagca	tgtcgtgtaa	tgcggattac	tgggaggggtg	cggatcggag	tgggcagccg	540
gtgtgggtta	gtttgccgtt	tgcgggtcat	acgaagtgtg	ttttggcggg	ggatcccaag	600
ggtgagtctg	agttgattga	ggggaggtat	tatacgccca	atttgatat		650

<210> 6027

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 6027

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tttttcttct	aagcttttct	gtcatacca	tccaggcaat	tgttggcggt	attgaagccg	120
cacaggcttc	acatataggt	gcactttacg	ctaaatccga	gtttgggttc	taccagttta	180
gctgtgggtg	agtcctgata	tctccgaata	aaattctcac	ggcagcaaat	tgtgtggatg	240
gtcggctcct	gagcgatttg	aaaattggat	atggttcttt	agaccgagat	agcgaaccaa	300
ctaccagtca	tttatcggag	attactattc	atccggacta	tgatccgttg	accttgctcg	360
caaatatcgc	tgttcttact	ctacgagacg	ttttctctgc	gccttcctac	gcgccgttag	420
cccaacagcc	ttctattcga	actggtgatt	ctctgacgtt	atacggttgg	ggcgaacca	480
gccttgaaaa	gataaaatta	ccaacaaaat	tgcataaggt	cgaagtacaa	gctttggaca	540
caatcgctcg	tgtatctgaa	catcttgatc	ttggctccgg	acaattttgt	gatacatcga	600
cttctgggaa	aggatcctgc	cttcgggtgat	catggcggac	cagccctaga	ttcatctggg	660
actgtggttg	ggatcatg					678

<210> 6028

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6028

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cagttctcgc	gggtccaaact	gtccttagac	aggcgactgg	tctagatacc	tggctgagca	120
cagaagcaaa	tttttcccg	caggcaatct	tgaataatat	cggcgagat	ggccagtcgg	180
cgcagggcgc	aagtccagg	gtgggtgattg	ccagccctag	caaaagtgc	ccagattatt	240
tctatacctg	gacccgtgac	tccgggtctcg	tcatgaaaac	cctgggtcgat	ctgttcagag	300
gcgagatgc	cgatcttctc	cctatcatcg	aggagtcat	tagctcccag	gctcggatcc	360
aaggcatctc	aaacccttct	ggtgctcttt	ccagtggggg	tctgggcgag	cctaagttca	420
atgtcgacga	gacagcattt	accggcgcat	gggtcggcc	gcagcgtgac	ggaccagctt	480
tgcgcgcgac	cgtatgata	tgcgttgag	aatggctagt	tgaaaatggt	catacaagca	540
tagcgacgga	cctgggtatg	cctgttggtta	ggaatgatct	atcctatgtg	gctcagttat	600
ggagccaatc	cgggttcgat	ctctgggagg	aagtccaagg	cacatcattc	tttactggtg	660
cagtttctca	tgcgcgtttg	gtaga				685

<210> 6029

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 6029

ctttcaaccc	tacatacacg	cgatcttctc	gtcaaccagt	aaaagccctc	caacatgaag	60
tggtcagcat	tggttcctct	atcgggtctct	gcactggccg	ttcttccctc	cactgggtgcg	120
tgggagttca	cttggagaga	cgccagcaac	acaagacacg	tggaaatccgg	ccacggggccc	180
tccaagtgtg	taaccgtcga	ccataagaaa	ggaatggtat	tttccattga	tgcgcaaggc	240
gaaaagaaca	tcaacatggt	actgtacggc	accgatgact	gttcggggcaa	ggctgtggga	300
caggcgaccg	agcgcttttc	caaagcgtcg	tccgtagaca	tccatgggtt	ccaagttgag	360
agtctctcta	ccggatcgaa	tgcgaccacg	actgctgcga	atgctaccgt	gacatcgaca	420
agactcactc	aatcgtcctc	caccgccaac	agcgaatcca	gcgatgtgcc	aacgacgtcg	480



gtttctttctc	ccatggcctc	ttctttctttt	ctttctcggc	gaatccggtg	tggtcggaat	180
tcctgggtttt	ttttatctcc	ttcttttctt	atcttgacgt	aaccatttct	gttttgtgtt	240
cattacttct	ttttgggtctt	tttgcgctta	ggattcccat	tactacctgt	ccttgtactt	300
gtctacccgt	tgccccgtat	gggtgggtatt	ctggtcggac	tgcttctcct	gtactctttc	360
tccacgtctc	gatgaaatgt	gctatatcct	ggtttcatct	ttcggggaca	tttatatcat	420
gaaaaatcac	gggcaatggt	ttgtctcgct	ggcatcattg	gctttgattg	acaaattcct	480
gttcttccag	tttgacgttt	gcagaaaaga	aagcgcgaga	tgngtgattg	aggttatgct	540
tctcctgata	t					551

<210> 6033

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 6033

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cttcgtcggc	ttccttcgag	gctcttagga	agagagcctc	cgtctcactg	aatggtaatc	180
cggactcggc	gccaggatct	aggcatgggt	cgttcactcc	tgaaagtttc	tctcgagctt	240
ccagtgtgag	gcgccccgac	tcgcagtcta	gtgcaagcgt	caaacgtaca	aactcagtgt	300
cggttacagc	ccggataatt	cgtgactcca	atactactcc	aggagattcc	aaggttgatc	360
cttcagagaa	cagcgtgctc	aatctccacg	ctagtccctc	gacagttgag	catgacacct	420
gcgaatctcc	ttcaccgcgat	ccgtcgccag	aacctatggc	tagcaagtcg	aaagagcgca	480
gcatgtctcc	gtcttcgcgtc	ggctcgagta	accagccttc	tgcgctgtcc	atgccgcgct	540
cagagagtcg	gatgtcaatc	tcctctgcct	ccaagaatga	agacacctca	aaacctgtcg	600
tgatgcccc	tttgtctccc	gaaggaaaga	aagaatctcg	cgtttctcgg	cttcttcgct	660
aagaaagcac	gccgcttgat	tcangg				686

<210> 6034

<211> 859

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(859)

<223> n = A,T,C or G

<400> 6034

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gccgccgccc	gcaccgatct	cgacggctgc	accaaaatccg	ccaccgtcaa	ccaatggggc	180
gaagccagca	tgatctggta	cgtgcccagc	accggcgaga	tctgcgattt	ccctgactgc	240
ggcggtgggc	gcgctcccc	caagtacaac	cagcccgggt	gcgccccta	caccggcacc	300
gagaccttga	ccccgagcta	cctccccggc	tggggtcccg	acggcaagggt	tgcgccgtcc	360
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ggtagatcac	agaggttaat	gctgggagaa	tntattgtat	tatcaagggtg	gaggtattca	780
ttctcttgta	ttatgcataa	ttggaatgag	tacaagtgcc	atcatcttga	ntcnnnnnnn	840
annnnnnnnn	tnnnaaaaa					859

**P** **B** **S** **C**

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atttgagaa	cgctgcaaat	tcgagcacc	tggccaatca	agtttaggct	cagggaaaccg		180
ctttggagtc	ctgtctggag	gaggtggtgg	tggaggcttc	ggaggtcgtt	ctgcgcaaca		240
gaaccagcag	cgcagcaact	atggtgtcac	agcggatgat	atcaagaccg	acctaaaccgc		300
tggtaaaggt	cgtccagaat	gggttttttc	ttgttatggc	cctggtaaaa	acgccccaaa		360
gcaattat	ggaggtgctc	agcgagagca	atctttcgaa	gagctgcggc	tcgctcacta		420
tgaagctgct	gcaacaggaa	atgtagagca	ggcagtccaa	gaggctcagg	ctttgtacgc		480
cgaggcactg	aaacagatgg	atgtcatatt	gaacgacctt	ggcgtgcccg	tgaaatacat		540
cgttgatggt	atcaacgagc	atccgaatga	gattgatatc	atagaaggta	agacaggtcc		600
tgctgtccag	caagggccct	ctccatttgc	caaccntcg	catntcggca	accagctgct		660
gagcgtcaga	cataagqatt	tctccaccgc	tcqcatittqg	qcaagattct	qqatttcg		717

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<220>  
<221> misc_feature  
<222> (1)...(671)  
<223> n = A,T,C or G
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attgcgcgca	ttcaaaatca	tcgatgcgca	taacgtaatg	caactccagc	acggcccgcg		180
cgaagaattc	ccgatgaata	aaccgatttt	cttgctcgac	ccaagacttc	tccgtgcgcg		240
caatgctaag	accatatata	caagaagaatt	ggataccggg	tcgacttcca	gattagtcat		300
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ggaaataggc	tgtttctgttg	gcattgaatc	atccccccag	agattccagg	cgcaactcaa		480
tgtgtctata	ttcatgcoct	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn		540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn		600
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nnnnnnnnnn	n						671

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<210> 6037
<211> 676
<212> DNA
<213> Aspergillus oryzae
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[illegible]

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gcacttgatg	gaaggttgaa	gctatcgacg	cagccgctga	gagcattgag	acagatttca	540
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tggttggttt	ttatcatcga	attcattcct	agagttctta	tagggcggtg	ggttggtgct	660
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<210> 6038

<211> 720

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 6038

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ttgtgactga	taacgatgag	cagagctgtc	gctcggaagc	ctattactac	ggaagtggag	180
ctataactac	gatccaggaa	gttgatccga	cggccacttc	cttgcccagag	gcagtctcga	240
ctatcacctc	catcggcacc	ggatactatg	gaggagatgc	taccgtcatc	cagaagctgt	300
atcccaccgg	cgtaggagag	tctctcgatg	actacgatcg	ttacccttac	taccgcgata	360
attcccatta	caccatcttc	aaggctctatc	tgacctactc	agcgccgacg	ggctgcgcaa	420
cacaatggac	ccagaccact	gccgtcccag	tgagtccgcc	cggttgtagtg	cagaacttgc	480
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ccacttacac	ctatgaogtg	gtctatgtcg	acccgaccca	ggtccccagt	agcagtctcg	600
actccctcag	ttattataac	cgaccacact	ccctgtacac	agggcgacag	tgctattaca	660
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<210> 6039

<211> 661

<212> DNA

<213> *Aspergillus oryzae*

<400> 6039

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tgattgtgga	gctgttacgg	cggcgatgtg	tgcgcttgta	cggccggatt	tctttaggag	180
tggttggtct	ttgagtcac	cttttaattg	gagtcctgtg	ttgccgtttg	ggacttcttc	240
ttcttcttcc	tctggagaag	aaggggagga	gaagggtggg	ggaggaggaa	cggagtccgc	300
ggcagggggac	cacgtgcatg	atgagcttgc	tgcgcgccgg	aggaagcatt	ataagtggta	360
ttattcgact	tcgccagcga	atgaagagat	ggtggagccg	gtggccgggc	tcggagagtt	420
cctgcaaggg	tactttttacc	tgaagagtgg	gagttggggg	gggaatcagc	cgtttccggt	480
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ggggaatatg	cgccatgctg	ttcataggca	caattgagtc	cgagtcggaa	gggactgttt	600
cggcttcgaa	ggagtgggtg	tctgattacg	aatttggcgg	ttaagtgggt	tagtaatccc	660
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<210> 6040

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(669)

<223> n = A,T,C or G

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cgatcttgac cgacgctttt ccgtctccac caacgaaccg gtgccgccac ttccacctca    180
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gaacaactat tcggtagtcc cgcgcgcgtt tgctgcgect ccgcgcattg tcgatgctga    300
cccttccgac cagtcgtggc aacaccacc tccagctgag agacccgagg agcacgaaaa    360
cccgcgacgg tcgacaagaa acctcttctc cctacattcg cactcgtctt cctcccaagc    420
ccctaaggag tcgacagggg tcttggaacg tcgtcggtcc gtaaggaaaa cttctccggc    480
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gtcaaaatcg agggagtatg tggtagacac aaccaagac ccttccaagt ctcccgtatt    600
gcaggacca ggaattccac acgagccccg acctcctcgc tcgccgcaga acccctctat    660
aaccgathn                                     669
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<210> 6041
<211> 659
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(659)
<223> n = A,T,C or G
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<400> 6041
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agaaatccta ccaaaatggc cgacaagctc cgcacactcc agaacctcga ggccatgcag    120
gctcggtagc taggtacggg tcacgcagac acgaccaagt acgaatggac atcgaacatc    180
atccgtgaca gctacgcttc gtatatcgga catccgcoga tgttgctcgt tatggctgtt    240
ggaatggggg agccgaagga gaaggttcgg gctatgttta ttgagaagat ggtagggggg    300
gctgggaatc cgcctgagac gcaagagtga atggctnngg gtttatgggt gactgtctgc    360
tgtgatcttg ttataaatgg gtggttggtg gcgtcnaggt atattaattg accacactgc    420
attccctgaa acggggactc tggttcaagg gttggggggt ggactcaata ttaacgctgg    480
tggtaggcatt gaatcatggg gcctcttgga ggcggtggaa tggcgggcgc tcaatggtgg    540
ccttgaacgc ttggagtatt ggagattttt ttctaaaacg ggtggcgggg atacactggg    600
gttaagaaat ggatgcctat gaaccgacct aaaggcggtt gaataccag ggctttaag    659
```

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<210> 6042
<211> 687
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G
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<400> 6042
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acacatttaa acgcgggaaat tcggaaggaa tatacccaaa ataataacac cgcccatgac    120
gaaagcctag taaaagcccc ccaaaaggcc ccccttggtg gaactgccca tgccgaaacc    180
gcggggggccc atctcccaa aggggaaaac gctttcaagg gaaccaacc cgggtgccgt    240
cggatccagg ccccgtagg gaaaccagtc gtggagaaac aaatcagggg gggaaaaagg    300
atgtgcaggg ttcacaaatc aagggcaaag agggccctgg gggaaaaaag gaaagcccc    360
ccgggaacac gggggggggg tcttgggggg gcaagaaaac aaaccttggt ttgggggaaa    420
aacatttgtg gacccccctc aggggaggtt tacagaaaaa gtttggtcgg gaaaaatttt    480
aaaaaccggg ggagattggg gggaaaattt ctccgggttc ccccgggcca aaatccgggg    540
ggtttaaaag ggggaaatgg gccatgtgta aaacaagaga ggttttccca agaggctgta    600
agaaacgcct ctctcaatcc gcggtggaat cttttgcccg gaatctgggg gagcgttttc    660
ccgcggagat ggtggagttt ctccgtn                                     687
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<210> 6043  
 <211> 440  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6043  
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 tggcaacaat tttttttttt cccaaatatt tccctaaaaa acccccgggg gttttttttt 180  
 acccccctaaa aaaggggggtt tttttaaccc cccccccctt ttttttttta aaaaccacct 240  
 cttgggggggg cccccacttt ttataaaaga aagttttttt ttaacacata attttgttca 300  
 accccccctt ttttttctta aataaaaaac cgccctcct atggggggtt taaaccggg 360  
 gggaacaaaa attgttgaac cccttttttc aaataaagag ggggggggta tcccccccat 420  
 acacgcgggg ggaaaaaac 440

<210> 6044  
 <211> 822  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(822)  
 <223> n = A,T,C or G

<400> 6044  
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 tcgtgaccaa cactcttctc ccctacctct ctctctctc cactctctacc tccacaatct 180  
 ccaagatccc tacccaatgt tcttctctcat caattacatc cacatctcgg cggacatgcc 240  
 gtcccttctc ctgactgtg gcctctcaaa cgaaactacg caatgagatg tttacttggc 300  
 tgaacgggtga aggcgcgct ctgaaaaacc acatccggg gtcaaccaac tatctcacac 360  
 aaatcaagga gagagatgaa cagcctgtcg gacggacccg tccgttccca ctaaacaaaa 420  
 acttcgtcag cgagtctatt ttgagtgaag agctgaggaa cgagatctac gaccgcgtcg 480  
 tanatcagaa gaagagtgtc agagctgtca gtgtcgatct gggagtgcag atcccgagag 540  
 tcngtgccgn tgtcagggtta gtcgagtggg aaaaacgcca aaaaccacaa ggtaaatac 600  
 tagccctgcc atacgctcgg gccattcatg naatggtacc cagcacacc ctatacgaag 660  
 ataccctgta caaccngna ccgcctcatg agtcaantaa cgatcttccc gtcccacaaa 720  
 ctgaccgacc ntcaaattct taccctgtc cggaaccccg caatcaaccg ngtcgatcct 780  
 ggnccgggct tttcgccgcc cagttttcga aacaagcaag tn 822

<210> 6045  
 <211> 906  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(906)  
 <223> n = A,T,C or G

<400> 6045  
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 gtcaagactg gtgagagaat agtgaatccc cctattaggg ctctttacga ccagacggca 180  
 gaagacttgc tccctggagac tatctctaac ttcccgagag agccagcgac gatcaaagaa 240  
 gaagcagcaa tgttacttct cgcaaacatt aaagaccaca tggagaagct tcttgggcgt 300  
 gacctaacag caattcaaga aatgggcaag gatccggagc aagtcaaaga gatccgtgct 360  
 gctcttacgg cgatactagg tgcaaggtt gacggattct cggaccttca agacagagct 420

aaagatctgc	cacccgcctt	tcccgaagac	gagccgcgcg	gcaagaaggc	catacttaca	480
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aacgcctatg	gtgcccttgc	tgcatgggat	gcgaccatca	tggaggaaga	tacaagcatg	600
ccgcggtcgg	ctcaatctgc	tgctgaaacg	ctccaggaag	cgaatgatga	gctgatggca	660
cgacttcaag	agtcattctc	gattgtgggc	gacggcgatc	aggactatga	caccggcgat	720
gcaggaacag	ttggcgacga	cgattcacgt	agccttgatg	ctgtggcaga	tggaatcatg	780
gaagaaaaag	atgaagaaga	tgatgacgat	gatgacgatt	atcgaggccg	cccangtgat	840
caacaacgtg	gtctattgac	ggacatccct	gtagtctctg	gtaccgcaaa	gatagaggcg	900
cattct						960

<210> 6046

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(670)

<223> n = A,T,C or G

<400> 6046

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ccaatacaa	accaaagag	aaaaccaaag	acgaaaatgc	acctcaaac	cctcctcctc	180
accctagctc	taaccacccc	aactctcatc	cacgccaaag	atgacacaac	aacaacagcc	240
ccctacttcg	gcgcggaagt	atccatctgg	caacccacct	actccggtat	agcgggcagc	300
gtagccggca	taaacgcca	agaaacaacc	taccacatca	gctgcaccaa	agacgccccg	360
aaatcgctct	gccagatcga	caagccctgg	accatgatcc	aggcccagga	gtcctggagt	420
ctgacgggcg	tttacacggc	ctggagcagt	ggaaaggatg	ccgtgacggc	tacgcaggat	480
tattcggtga	cgttttacga	ttggtcggag	aaggcgctct	gtgcgttgac	ggtgaaggca	540
acggggactt	tggagggggg	gaagtggctg	agtgatgcgt	cgacgaaggt	tagtggttgcg	600
agtgataagg	ttacgacgtg	gggggtgttg	gtgacggggg	gtgtggagag	ttttactatg	660
ccgcaggcgn						670

<210> 6047

<211> 1020

<212> DNA

<213> *Aspergillus oryzae*

<400> 6047

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ttctcgcgct	ccttcaagga	agagcaacct	tccaccagcc	aatttgaatt	ctagaaaaac	180
cgattctgac	aaacctcgtc	ctcgacgcgt	tttcgacgca	agatctctcg	cggccccttc	240
agccaatggc	caatctacaa	acatccttag	gagtacctcg	ttgcgaagcc	cccgcgaagg	300
accatccatt	cgcgctcgga	ggccgagacc	cccagcaaa	tcgtcagccc	ccaaattacg	360
aaaagggtgga	cgacctcaac	gttcgaaaaa	tacggatatg	gaagaaagcg	atagctctca	420
gattgagaat	gtatatcgcg	aactcgctga	gaaatcaagg	ccaacgcca	gccgctacga	480
accccaggct	cctgacttct	ctaacctgaa	ggaaacttgg	ccctcttttc	ccacgggtac	540
gactgcgaat	acagccgagg	ttgttgaaaa	attatctttt	ctaagtgacc	gctttccaaa	600
tggttatgtt	actccttatg	aactgggcat	gcggctcttc	aggggacagt	ttgttcagtt	660
tctcgacgag	gaggaaaagg	cacaggctat	agcagaggcg	aagaaactct	cccaacagcg	720
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caaactcagt	actgaaaaag	ccgcctcgcc	tattctcagt	gaagtgaaga	agaatctcag	900
aaacaacgag	tcttatcaag	cagcccgtaa	gagctcacia	tttgttgcaa	aagtggaaat	960
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<210> 6048

<211> 820



<213> Aspergillus oryzae

<400> 6048

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gaagaggacg	acgaggaaga	ctacgatcct	cgcagcggca	cttcagcccc	accaaccatc	180
gtcggcggca	tctccagctg	gggcgctggc	gcttacggcg	cagaccaga	acgacgcagc	240
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gaagatacat	cctctcttga	cgagaaggaa	gaacatacaac	acgcagccga	agggagcagc	360
agcagacaac	agggacaagg	ctcgtcccat	tcccaaaacg	atggcaacgt	cgtagcaaa	420
gttgaatttg	agtcattgag	tctatggtcg	ggttttggaa	tgtatcggtg	tcggtgtctc	480
tctgtctctg	atggtttcgg	tatgagtgtt	tgtcctgcac	attactgac	tcattattcg	540
gccgctgttt	ggtcttactg	ttgtcatttg	tatctctcat	ctagatagtc	cgttcttccc	600
ttggggaagt	atggtcaatg	tatgtatgta	ctattgatct	tcagcgttaa	cttgaatctg	660
aggactattg	ggcgttggat	tgtggagtgc	cgttctgggt	tctgtatggt	ttgtgggctt	720
tgatctgggc	ggtgtgcgcc	ttcaagcttt	tcatgagaac	ttgcatgggt	tgatccactt	780
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<210> 6049

<211> 1306

<212> DNA

<213> *Aspergillus oryzae*

<400> 6049

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gctcaagcag	aaatatggtc	gtatcgtcaa	caccgctagc	accagcggta	tctacggtaa	180
cttcggccag	gccaaactacg	ccgcggcgaa	gcttggtatc	ctcggtttct	ctcgtaccct	240
cgctattgag	ggcgccaagt	acaacatcaa	ggtcaacacc	atcgctccca	acgcgggtac	300
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caacttcgac	gacggccgtg	cggaccaccc	cgaggatagc	caggccgggt	ctgagaaggt	600
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tgaacagtac	atggagatcc	gcaaatctcc	catccccacc	gaggccaaga	ccctgacctt	960
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caccaaggac	gctaagactg	gagaggacct	cttctataac	gagtcacacc	ttttcatccg	1080
tggcagtggc	ggcttcggcg	gatcccccaa	gcccaccgct	gcccgcccca	agggagccac	1140
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ggaccagctc	gcccctctacc	gtctcaacgg	ggaccgcgaac	ctctttgaca	ttgaccttgg	1260
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<210> 6050

<211> 613

<212> DNA

<213> Aspergillus oryzae

<400> 6050

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ccctttttttt	cagccctaaa	agttttatatt	ggagtttttg	ctctccccc	caaaatttgc	180
cttaaggggc	gttcaccccg	ggatcactcc	aagggttttt	taagggacct	tcacctctgt	240
ttttttgggg	ggggtttttt	tttccccgg	gggggggggt	ggggtaaccc	ccttgagccc	300
cttcctttttt	ggggggttttt	tttttgggcc	cgggggttgt	taccocctct	ttaggggttt	360

ccaatttctct	tggcccccgg	ggggctgttt	aaaaaaacaa	accccttttg	gggggtttga	420
tgagggggct	ttccggcccc	ttaacctcgg	gttgggttta	tcccgcattg	ccagttgtgt	480
ttaccaaaaa	gggcccccta	ataacgctcc	tttttaattg	ccccgttaaa	ttaaacaaaa	540
agggtttttt	acattttata	aatttgaaaa	tggttaaggg	gtgttaaccc	caaggccttt	600
attatttttt	ttt					613

<210> 6051

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 6051

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ttctactgct	acggccatcg	ccaatgaaac	tgccaccatc	atattcaccg	aaatggacag	180
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acagacttct	cctaccgccc	gtcgtgctac	tgctacgact	actggcaccg	cgtctgccac	600
tgccgcgcgt	ggggagtcng	ngagtggggc	gcagaaagcg	gcagcgaata	cagcatcct	659

<210> 6052

<211> 1216

<212> DNA

<213> *Aspergillus oryzae*

<400> 6052

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catcccagtg	ccggcccaca	caagcatcca	tgccaatgcc	aaatcccatt	cgacagtcga	180
cttatgcttc	ggcaaccgtc	ctccgagccc	acctctccct	acttcaaate	attgaaggta	240
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taaaatcgct	agcacaagtt	ctgcgtagtt	gtggccgcgt	agtcattgtc	catatcatgt	360
cccagagcct	ccacctaaag	catgcaaac	ggcggagcga	gcaagattga	aatccgaata	420
gcgaccgagt	gttttcaaat	gggcctggaa	ggcaacgcac	ctggggggcaa	gctctgcttg	480
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acctggattt	aaaatactcg	tgaccactac	caagactggt	ttctgtctat	ccccactac	600
catcgaacat	atcggcgttt	gctattagat	ctagaacttc	acaacttcgc	tacacctata	660
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cggtacctga	catgcacggg	gacattttcc	gtattatcac	caaccttctg	atgttacgac	1020
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tactggcgtt	gatattcatt	acaccacagt	atggaatccg	ttgtgtgaag	cgcattctct	1140
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<210> 6053

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 6053

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gccgccacca	ccatggtgag	cgccgatgtt	tccgttggtg	aatgcgctca	aatgtgcatc	180
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tctatcggtt	ctggcactgg	taccggcgct	tgcaagactg	gtgacatccc	cggtactggc	600
accggtgctt	attagaacgg	ggactagacg	tgcaatggca	ccgacgcgtc	caaaatggcg	660
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<210> 6054

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 6054

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cacgccagcg	cccactactg	gtgtcactgc	tgagccact	gaaactgctc	cccaagcgac	240
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tgcaaccaag	actgccgagc	cgacacatcc	tcaaaacacg	agcgtanggg	gaacgaatgg	480
tcggtcgagt	actccaccca	aggacacgtc	gcgcaaggac	tcangatctt	cgagtggcac	540
cccattccaa	aagaaaaaga	agaaccgtgc	cagtgcgttc	tttcataagc	tcaaggagaa	600
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<210> 6055

<211> 686

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<400> 6055

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<211> 743

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gcagcaccac agccttcag gtcagatcga tacagctacc atcgcaatct atcaccaccc 660
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<210> 6072  
 <211> 533  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <222> (1)...(533)  
 <223> n = A,T,C or G

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 gcacccacct agcggagaaac ctgcgcgaacc tgcagctgcc aagtttcgat ctgacaggca 180  
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 tccacaattg tataatcaac atcatcttca gcgtatgtag tactcgcgcc tcgggccatg 420  
 agtctaagcg acgctcatgt tatttaatat agcgtcata caacattcat atgggaggat 480  
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<210> 6073  
 <211> 785  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <222> (1)...(785)  
 <223> n = A,T,C or G

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<210> 6074  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

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 cttcttccct gagactgaga tctgcgcata tacacctgcc ttaggcgtca agatgagttt 240  
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<210> 6075

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6075

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<210> 6076

<211> 954

<212> DNA

<213> *Aspergillus oryzae*

<400> 6076

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<210> 6077

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 6077



<210> 6080  
 <211> 2142  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(2142)  
 <223> n = A,T,C or G

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agaaaacttt ttttaggaag ttacaaaagg gaaaagaaaa atataaaata tttttcttgc      180
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<210> 6081  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

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<210> 6082  
 <211> 932  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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 <211> 995  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6083						
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<210> 6084  
 <211> 1634  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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<210> 6085  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(667)  
 <223> n = A,T,C or G

<400> 6085						
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<210> 6086

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 taactttctt ttgagtattc cattggacaa ccgcgggaac caaatcccc tgggttggtt 600  
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<210> 6091

<211> 702

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 gtgcagaagg aaggcgaaga tgactacatg gtgcgcagcc aaagcagcca cttgatctgt 240

NAME	ADDRESS	CITY	STATE	ZIP
Mr. J. H. Smith	123 Main St.	Springfield	MA	01101
Mr. R. L. Jones	456 Oak Ave.	Portland	ME	04101
Mr. T. E. Brown	789 Pine Rd.	Boston	MA	02101
Mr. W. D. White	101 Elm St.	Providence	RI	02901
Mr. C. F. Green	202 Maple Dr.	Worcester	MA	01601
Mr. B. G. Black	303 Cedar Ln.	Lowell	MA	01851
Mr. A. I. Hall	404 Birch St.	Andover	MA	01810
Mr. H. K. Young	505 Walnut Ave.	Bedford	MA	01730
Mr. J. L. King	606 Spruce Rd.	Amherst	MA	01001
Mr. M. N. Scott	707 Ash St.	Northampton	MA	01060
Mr. P. Q. Adams	808 Hickory Dr.	Ware	MA	01089
Mr. R. S. Baker	909 Sycamore Ln.	Uxbridge	MA	01569
Mr. T. U. Clark	1010 Poplar St.	Attleboro	MA	01901
Mr. V. W. Lewis	1111 Chestnut Ave.	Quincy	MA	01906
Mr. X. Y. Miller	1212 Locust Rd.	Roslindale	MA	02126
Mr. Z. A. Wilson	1313 Magnolia St.	Dorchester	MA	02122
Mr. B. C. Moore	1414 Dogwood Dr.	Roslindale	MA	02126
Mr. D. E. Taylor	1515 Redwood Ln.	Dorchester	MA	02122
Mr. F. G. Evans	1616 Cypress St.	Roslindale	MA	02126
Mr. G. H. Roberts	1717 Juniper Ave.	Dorchester	MA	02122
Mr. I. J. Turner	1818 Fir Rd.	Roslindale	MA	02126
Mr. K. L. Phillips	1919 Willow St.	Dorchester	MA	02122
Mr. M. N. Wright	2020 Hazel Dr.	Roslindale	MA	02126
Mr. O. P. Green	2121 Ash Ln.	Dorchester	MA	02122
Mr. Q. R. Adams	2222 Birch St.	Roslindale	MA	02126
Mr. S. T. Baker	2323 Cedar Ave.	Dorchester	MA	02122
Mr. U. V. Clark	2424 Elm Rd.	Roslindale	MA	02126
Mr. W. X. Lewis	2525 Maple St.	Dorchester	MA	02122
Mr. Y. Z. Miller	2626 Pine Dr.	Roslindale	MA	02126
Mr. A. B. Wilson	2727 Oak Ln.	Dorchester	MA	02122
Mr. C. D. Moore	2828 Birch St.	Roslindale	MA	02126
Mr. E. F. Taylor	2929 Cedar Ave.	Dorchester	MA	02122
Mr. G. H. Evans	3030 Elm Rd.	Roslindale	MA	02126
Mr. I. J. Roberts	3131 Maple St.	Dorchester	MA	02122
Mr. K. L. Turner	3232 Pine Dr.	Roslindale	MA	02126
Mr. M. N. Phillips	3333 Oak Ln.	Dorchester	MA	02122
Mr. O. P. Wright	3434 Birch St.	Roslindale	MA	02126
Mr. Q. R. Green	3535 Cedar Ave.	Dorchester	MA	02122
Mr. S. T. Adams	3636 Elm Rd.	Roslindale	MA	02126
Mr. U. V. Baker	3737 Maple St.	Dorchester	MA	02122
Mr. W. X. Clark	3838 Pine Dr.	Roslindale	MA	02126
Mr. Y. Z. Lewis	3939 Oak Ln.	Dorchester	MA	02122
Mr. A. B. Miller	4040 Birch St.	Roslindale	MA	02126
Mr. C. D. Wilson	4141 Cedar Ave.	Dorchester	MA	02122
Mr. E. F. Moore	4242 Elm Rd.	Roslindale	MA	02126
Mr. G. H. Taylor	4343 Maple St.	Dorchester	MA	02122
Mr. I. J. Evans	4444 Pine Dr.	Roslindale	MA	02126
Mr. K. L. Roberts	4545 Oak Ln.	Dorchester	MA	02122
Mr. M. N. Turner	4646 Birch St.	Roslindale	MA	02126
Mr. O. P. Phillips	4747 Cedar Ave.	Dorchester	MA	02122
Mr. Q. R. Wright	4848 Elm Rd.	Roslindale	MA	02126
Mr. S. T. Green	4949 Maple St.	Dorchester	MA	02122
Mr. U. V. Adams	5050 Pine Dr.	Roslindale	MA	02126
Mr. W. X. Baker	5151 Oak Ln.	Dorchester	MA	02122
Mr. Y. Z. Clark	5252 Birch St.	Roslindale	MA	02126
Mr. A. B. Lewis	5353 Cedar Ave.	Dorchester	MA	02122
Mr. C. D. Miller	5454 Elm Rd.	Roslindale	MA	02126
Mr. E. F. Wilson	5555 Maple St.	Dorchester	MA	02122
Mr. G. H. Moore	5656 Pine Dr.	Roslindale	MA	02126
Mr. I. J. Taylor	5757 Oak Ln.	Dorchester	MA	02122
Mr. K. L. Evans	5858 Birch St.	Roslindale	MA	02126
Mr. M. N. Roberts	5959 Cedar Ave.	Dorchester	MA	02122
Mr. O. P. Turner	6060 Elm Rd.	Roslindale	MA	02126
Mr. Q. R. Phillips	6161 Maple St.	Dorchester	MA	02122
Mr. S. T. Wright	6262 Pine Dr.	Roslindale	MA	02126
Mr. U. V. Green	6363 Oak Ln.	Dorchester	MA	02122
Mr. W. X. Adams	6464 Birch St.	Roslindale	MA	02126
Mr. Y. Z. Baker	6565 Cedar Ave.	Dorchester	MA	02122
Mr. A. B. Clark	6666 Elm Rd.	Roslindale	MA	02126
Mr. C				

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<210> 6100

<211> 1181

<212> DNA

<213> *Aspergillus oryzae*

<400> 6100

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<213> Aspergillus oryzae
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<223> n = A,T,C or G
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<212> DNA
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<211> 668

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<220>

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<210> 6108

<211> 729

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(729)

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<400> 6108

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 <211> 590  
 <212> DNA  
 <213> *Aspergillus oryzae*

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 <213> *Aspergillus oryzae*

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<210> 6115

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(671)

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gaatgtgccc gagagggtct ncgtacatcc agaaattcca ttccgctacc atgtcatcct 360  
tcatgcgccc accgcgatgt tcgaccatgc ccgcgatatt cccgtgaact attggacaaa 420  
agttaaggct accccatacc ggcggtgatt cccggccacg gggggggcca acccggcggt 480  
taaaaccgga acccaattgg aattcgggtg aagaaattac ccccgagcca acccgggcct 540  
tttggttgaa tttggggaca acccgggggg ggggatggac cccaccaacc ggcattaccc 600  
ccttgggggg gaatgggggg gctataagga agggggcggg aaaaccctgt accaaggggt 660  
attggggagg t 671

<210> 6116

<211> 725

<212> DNA

<213> *Aspergillus oryzae*

<400> 6116  
agacctactg gcctgatccg actatggcgc gacgggtaca tacatcgaaa agagaacgat 60  
aagttctgat aatcaatccc gataagaaga tctggcgcta gtccggacta gtcgagagtc 120  
taaatcaaat agcttgcgga agtcaaacc tccaactcca acctcttttg tacttcacca 180  
cacacccacc ttctactgac gctgggtgcag cgatgggtga tgaccagtca ttaagggtcga 240  
cagtggctga aaatgacatt tcagcaaaaat gaacctcggc ccgttcgggc gcaatcctct 300  
ctatccttca ctcagggtatt tcttctcgga cagctctccg ttgtactact gatcgggtgc 360  
ttcatcaagt tcttcatatt cggcgaagct cctccaccgc cgtcccgcgg cctttctcac 420  
cgcgccctca cccacagacg ctccaattcg atctacacca tcaaccccaa tgagggaacc 480  
tctagatcac tgagggaaaa accctctacg tccaacgttc ttcgctcggg gccgtcgtcc 540  
gctaccacca ctcgacctat tcttcggaaa acctactaca gtgctatacc tacgaatccc 600  
tcggggaagc acggccgcca tagaatccac cattcctccc atcagccgga atcacttgat 660  
tgggttaatg tattgatcgc acaaactatt gcacagtaca agcaaacggc ggatttgggtg 720  
aacga 725

<210> 6117

<211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(664)  
 <223> n = A,T,C or G

<400> 6117  
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 tactcatctc acaaattcaa gatgtcacag caacagcaac actatcctag tcacaatgca 120  
 ccagcaccac ctccgtatatac tggacaatat cagccgatgc caccaaacc tcaatatgga 180  
 taccctcccc agccgtatgc cagtcatcca caaccaatga tgggcaatcc ccagtaccct 240  
 cctcagccgc atcacaccca gagtgcaatg cgctccctga aaatcgagtt ctccagttgg 300  
 acatcaagac acctagcaat caatgatgtc gggcaaggct cgttgctcta tacggtcgac 360  
 ctacacaacc gaaacccaca gatggaattc aagaatgtcg caacgaacaa taccatcgcc 420  
 acgggtgcata tgcgggtcttt gaagccagaa atggacatca agctccatgg tcgtgatatt 480  
 catcttcgcy tccaacgctc catgaaaccc gagacaacgt atcactcaat cgcgtttccc 540  
 cacatgtctt ttacatggnn agacactagt gcctgggagt tctcagtttt ngatgtgtgg 600  
 gacagacagg tcaccgttgc aggttcacgc ggnttcntcn tgtctatgcy cangtcggtc 660  
 aatn 664

<210> 6118  
 <211> 702  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(702)  
 <223> n = A,T,C or G

<400> 6118  
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 gtgacgggaa tggccccgca ggcggctgga aactggacaa atacaagttc ctccctctca 120  
 tccaacacgc gggtcgcgca aagcccagag cgaagtggta catctacatc gaagacgacg 180  
 gctacatttt cctgccccaac ttgcttctcc acctagagaa gttctcgtgg caggagccgt 240  
 ggtacttcgg cggtcttgcc tggaaacacg gtgactatct cgcgcacggc ggtgcagggt 300  
 tcgtgctctc acgngtgcy tgggagcaga gcttcggctt ggaagaggac atggtcacga 360  
 aatacgccga tttcacggaa gccacggct gcggtgacca tgttcttggc catgtcatgc 420  
 angattacgg gattaatttc tggcagaccc atggcaagtc ggagtattct tgggggtttaa 480  
 acccggaacc gcactggggc ggttggttcc gacgcgcgaa cctgtgttat tccctttaca 540  
 agtggacat acgcacaata aggatgtacc gcgactctta caactttaac aaaacttgga 600  
 attttaaaaa aaaaggcccg gttaaaaatc cgtcactttt ttaaggcatt gttaaaccct 660  
 caatccctca ttgggtggat agtgggaaaa accaatcctt ct 702

<210> 6119  
 <211> 698  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 6119  
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 cattagcatc atgttcgctg cacttcccc catgcagcag ttcaatttct cgcagtgcgc 120

taccgcgccc	gcacgaccgt	ctccactctc	acctcacagt	tcgcgcggcg	gcccgatgcc	180
ctcgctatcc	tccctgcggt	ttcacttctc	cccagcatca	gaaagccaat	ccaacacacc	240
cgtcacgtca	agaacagagt	ccggaagtct	attcttggaa	tccccggtct	ccccttcgcc	300
ttcgaaggcg	gcgggcacgt	cctcccgcctc	caagacttcg	cctacatatg	ctcagcgcta	360
tgcaagcacc	atatctaata	cattgaataa	cgcgccagca	aatgggttccg	cttcttcttc	420
gccgtcggcg	cgcggaagcga	gacgcaatgt	tttcttgaat	cggatcaagc	aagggcgcgga	480
cgatgcacgt	ttcgctaata	gaggcgagca	gctagtgttg	atggagcatg	tggcagagca	540
aaagaagtgg	ggcgagtcna	tgcgaggaa	gacggattgg	attctgcang	gatacttgag	600
ggatttggaa	gaaggtgttc	atgatatgct	ggacgaagcg	gatatccaag	ctctggacga	660
gtatttgtcc	aggagcaggc	aatggagatg	gaagtgtc			698

<210> 6120

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 6120

cgaggtaacg	cctcctgccc	cttcaacgac	agcggctcga	tcaggaactg	atcaattgga	60
ccaatcatta	tcatcgctgg	tcgaaggaac	atcgaattta	acgtcttaac	ccgaccgtcc	120
tttctgctt	gacaggggccc	tcaaccgcgc	accgcctgtc	ccttatcatc	gactgcttta	180
aggaccagga	attcgttaga	ttctccgcta	cacttcatag	ccgcaatgtc	tgctcgctact	240
ttgtcgcata	gccttcgcag	ccgctgcctt	ttgcgcagac	ctcagaacat	tcaggggttc	300
tcgactcgta	ccaacctccg	tgccgctgat	catggagatc	actacgatcc	tcgactggg	360
tggctttttg	gtgtcaagcc	aggccagaag	tacgtgaagg	aaggctggga	gaacatctgg	420
tactacggat	tcattggcag	cttgcttgtt	gccggtgtcg	catacgtttt	caagccagac	480
acctcgatac	aaacatgggc	tttggaagag	gcacggcgga	gactggaagc	cgaggggtatt	540
ctggaggacc	ccgagaaagc	tcaaaggaaa	gtaaaggaca	aatctgggtc	gagtatgctc	600
ttgtacgatg	aacatagaac	cgacggacat	ggaaacatca	gctccgatga	aatgttcatc	660
ctgcgctacc	cggatatgat	tggacagata	a			691

<210> 6121

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 6121

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gcctggctgg	cttccagaca	atcaggacat	gctccaagcg	cgtttgcgaa	ccacaggaat	120
tacagagact	ttatttgaac	ttggccaaat	gaacttccga	atgatggatg	ttggtggcca	180
acggctctgag	cgcaagaagt	ggatccattg	ttttgagggg	gtgcagtgtc	ttctcttcat	240
ggtagcctta	tcaggctacg	accagtgtct	agtggaggat	cagaacgcta	accaaagtga	300
cgaggccatg	atgctgttcg	agtcatttgt	taacggagaa	tgggtcaagc	gcaagcccat	360
cattcttttg	ctaaacaaga	tcgatctctt	caagggcaaa	ctaagtgtct	cccccggtgc	420
taaacacttt	ccggattaca	acggttcgaa	tacggacttt	gatgctgcgg	caagatatatt	480
cgctgacagg	ttccgcggca	tcaatcgtat	ccccgaccga	gagatctaca	tccattacac	540
taatgcgact	gatacaacat	tgctgaaaag	caccatggat	tengtgcaag	acatgatcat	600
tcanaagaat	ctgcacactc	ttatcttatg	ataattaatg	gtntatcaga	gacgattgcg	660
ttcacgatat	tt					672

<210> 6122

<211> 1064

<212> DNA

<213> *Aspergillus oryzae*

<400> 6122

[illegible][illegible]

tttgttatcg	aagcattaca	acgcctagtc	atctcattct	acacctttcc	acattttgac	540
tcgctctctc	tcttgacata	ccttaacccat	gtgcggcatc	ttcggctaca	tttaactacct	600
cgtcgagagg	gaccgcaagt	ttattcttga	cactcttctc	aatggactct	n	651

<210> 6125  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6125						
caaacaacat	tgcacccctc	ctatctgcc	ctgggaccaa	agagaataat	ctctacttca	60
cataataaca	atggagtctc	cttcgcatcc	tctcgtgat	cgctccacca	acactcatct	120
ggccaacacc	gagaaggcca	acgagcttaa	ggctgcccc	gccaagatcg	aatcaatgga	180
atatcaccga	caagtgtccc	agggcaagct	ggagagcgga	gacaagcaac	aagccagcta	240
tgtatcgccc	tcggatgata	ttatgagccc	gtgctccaag	aaattgagcg	acttgaaggg	300
caagcgattc	aagaatgctg	gcaaacccca	atcactattt	gccaaactag	gcaagaagaa	360
ctttgagcaa	tcagctgcca	accatagcgc	caacagtgg	gccgagatgc	agaagtaatc	420
gacgttccag	gatcgcttac	gtctcatgcg	ccggctcgat	ggatcttttg	gatgatacct	480
ggatctgata	atcggttggt	tctcgtcgg	ctcggtggtt	gcaggactgg	ttcttgattt	540
ctcttctact	tgattttctt	tctgggcaaa	tgggggttcc	tgggaattaa	atgttcttgg	600
ggatgggctt	gggacctact	gggtcaattg	gtaccgggcc	taaaattggt	tttttaaatt	660
ggcgaatggg	acctttgacc	ggatgaaaaa	caaaag			696

<210> 6126  
 <211> 437  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 6126						
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gttcatgatg	gatgaccgcc	tacgacgtgc	gatgctgtat	gaccctcccc	cggcatacata	120
tgccaaactg	ttctcgtcgc	ttctgtccgt	tcgcgcgttt	gtgttacgtt	acctgtcgtc	180
ccccgggctt	tatttctctc	gtttcactgc	cttcaactgag	cagccggacc	ggaatgatcg	240
cattttcatc	accagtgagg	atgcggcacc	ctattacgtc	gcgcctactt	tccggaaccg	300
ctggggccct	gtcgtttggc	ttacctgnnc	tatgggccc	cctcttccag	gcgatgaagg	360
cgataagtat	tacccccggg	gctactatac	acctgatgta	ggcccccaagt	ctttgaaagc	420
aaggccccgac	cttctctg					437

<210> 6127  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 6127						
cggaatttat	catccatcct	tgcattaaat	tttcgacata	atgaccctag	caggaagctg	60
catgtgcggt	gcaattgcat	acacctctga	ctccgagcct	ctagtgaagg	ctttgtgcca	120
ctgtgttgat	tgccagaagt	ggaccggcgg	cccattcacg	tccaacgtca	tcgttccccg	180
ggattctttc	aaagtgacaa	aaggagaacc	ctcgttctat	gatgtcaccg	gggcctcggg	240
caaaaacaac	cgccatttct	tctgtggcaa	gtgcgggtct	agtctgttca	cagaattaga	300
gctcatggcc	gacaagaccg	tcatcaaagc	cgggactctg	gatggtggcg	aagcgaactt	360





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<211> 666

<212> DNA

<213> Aspergillus oryzae

ggcgagcaag	atgtccaaaa	tctgcacgac	ttgggtctga	acattgtccg	gttggggccac	60
agctgggctg	gagcagagcc	tgtgcgtggg	gagtacaacc	agacatttct	ggatattatg	120
aaaaagcaga	ctaagatggc	ggaggaccat	ggactttacg	ttttgggtgga	cgtgcatcag	180
gactgccttg	cgcggaatt	ttgcgggaac	ggtgtaccgg	actggtttgc	caagaaagat	240
tgggtatcga	gtggcaagat	gtatccggtt	cccccaaaa	cgcgcgcgtt	cccgttggtat	300
gaaaaacggct	tccgttcgcc	acagctcgctt	tgcggttcgg	tcgactgggc	tctgagctac	360
acgtcggttg	cctctgggcaa	tcggtttggg	cggttatatga	acaattacga	cgggctgggc	420
gatgcgttcg	cagcgtactg	gaaaaagctg	gcgtccgagt	atggcaagac	gaccaatgtg	480
gtcgggtata	acctgctgaa	cgagccatgg	gtgggcgaca	catggggcga	tccgacactg	540
ctagtcccgag	gtgttgccga	ccacaaggct	ctagaagggc	tctggaaccg	cgcggccaag	600
catagccgta	ccgtcgacaa	tgacacactc	atctggttcg	aaggcgcaac	gctggacgtc	660
ctatct						660

<211> 659

<212> DNA

<213> Aspergillus oryzae

ttttttatca	catgagaaca	atcaccataa	ttaaaataaa	aaagtcaagt	agaaaaagaa	60
ccaaagggtat	cgtacaacaa	cagaatatac	acatcattaa	catcgcttct	caaccagacc	120
aaagttccat	cccccatagc	cctcagcata	ataaaataag	aaaacaaagg	ttagcaccaa	180
cacagactca	cttatattga	tagttctgcg	gcggtgcccc	ggcctggggc	tggggatata	240
cacctcccc	agaagcctgg	ggaggaggtc	cccaataggc	ttgtggaggt	ggtgccgggc	300
cagccgggtgc	acctgccggg	ggcctggtct	ctggcgtgat	atcggggcga	tcacggaggt	360
cttgggtgaa	gcggcatgtg	taacatgtga	cttccttgta	cttttttgtt	gcgagtggga	420
tcatgggaat	gaagcaaacg	ggataccaaa	gccatcgctt	tatacaaagg	tcattatagt	480
gttggcaggt	ataacaatag	gccccgggga	aagtaaggta	tggaatgttg	cgtagggtaa	540
cgaagcggcc	ggttgactcg	taagggaagg	aacggttgcg	tactgtagtg	tgggtttatg	600
gtatgtttat	ttaaqgaagg	tatgtattgt	tatgaqtagg	agctttctgt	catagcgcg	659

<211> 1378

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc feature

<222> (1) ... (1378)

<223> n = A, T, C or G

c caactctcg	c ccagtttcg	g aagtagaga	a tcgcgcccg	g tcacgcctc	c atcctaacc	60
c ttaactgcc	a ccttcattt	c catcaaccg	t gaaccttca	c tactacact	c cttccgaca	120
t ccaccacaa	c tccttccac	c atgttgctg	c gtttcctgt	c cctgacagg	c gcgctctgt	180
c tgagcagct	g tgctgcgtt	g tcactgcc	g agcataaag	t cgaactata	g gggtctggat	240
c ccgagtttc	g aagccgaat	c catctccaat	g cccgtccaa	c caacctgtc	g gaccgtctt	300
t gttcattct	c caqattccga	a tgttcgaaa	t qatctgatt	c taattocca	g qtgacactg	360

[illegible]

<211> 1294

<212> DNA

<400> 6134

<210> 6135

<211> 684

<212> DNA

 $\langle 220 \rangle$ 

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (684)$ 

<223> n = A, T, C or G

<400> 6135

- 2170 -

cgctgtcttg	cctggctata	ctgtctaccc	cgactggcat	catcctaagg	cctccgattt	180
ctgggcta	gagctggta	cctggtgga	caagctgcat	tatgatggg	tctggtaga	240
catggctga	gtttcttct	tctgcgtag	gagctgcga	actggcaat	tgtcaatga	300
cccggctca	ccaccgttc	ctctccccg	cgaaccagg	aacgtcgtc	atgattatc	360
agagggctt	aacatcacca	atgctacga	agcagcctc	gcatccgct	gggcggcaag	420
ccaatccgc	gcggcatcat	ccacaactac	atcagcccc	tacctgcgt	caacacctac	480
ccccggagt	cgtaatgtt	accaccctc	ttatgttat	aaccatgtc	aacctggcca	540
cgacctgag	gttcacgcca	tctcaccaa	ttctactcac	ttcgatggg	tccaggagta	600
tgatgtacac	agtctttac	ggcaccaag	gcatanatgc	aacctatcac	ggattgctca	660
aggggtgtg	gaacaaacgc	ccct				684

<210> 6136

<211> 933

<212> DNA

<213> *Aspergillus oryzae*

<400> 6136

gagactggcg	ctcggactcg	agacggacgc	gggggaagac	ttcttgataa	tgtttccctc	60
agaaccaacg	acaacacgaa	atagcaacat	cgcacttatt	cccaaagaat	acgcccacca	120
gggagatcta	gaagccataa	tcacacgata	cagaaccctt	cgcctaagag	gcctgaaaga	180
gaaccagac	tcctttctcat	ctaagtacga	ggacgaagtt	gatctcccat	acgagaaatg	240
gctagctcga	gttaccaacc	cacaagcgcg	ttcctttgtc	gcttatgacg	cccaggggaa	300
caacaacatg	gaatcttttag	cgctcctttt	gagtcgagaa	tggttgggta	cagtcaccat	360
agtagggcct	aggttgctgc	ctgaagataa	cgaggctctg	tcaaaagcac	catgggatat	420
gtttcttccg	ctagaagagc	gggagctgtc	tgagagagag	actcgtgatg	cgactttggt	480
gtatatgctt	gggggcatgt	tcgttctcga	gacgggaaga	cgaaagggga	acggtcgctc	540
gctgattgaa	cgggctgtta	gtgaagcacg	gacggaagct	attgaggtgg	gggcaagtcg	600
tgtcttagtg	gtgtctgtcg	cggaaacgaa	gaatgatgct	gcgcgacggt	tgtatgaaaa	660
ttgctcgttt	gatgtgggtg	atgataacct	ggttttgaga	atccaacgga	accagaatgg	720
tgttgccatg	gttttggtac	ttaaggttga	aggcaggaat	cccctgatat	ttaaaaacga	780
tgaccaaacac	gggatgggtc	cttttggtcat	gccttcctgg	gggtaatat	tggtatcggg	840
tatttcggaa	ccggggaaat	cttttgaaaa	agaagtgcc	ctccccctcg	caatgggtcc	900
accaccagtg	ccaatgggta	caattggccc	ccc			933

<210> 6137

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 6137

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tatcattaat	tgattcccac	ttcatctccg	tctttcacat	tactacaaca	tggcggcgcc	120
cggccagccg	tctccccagc	agattgccgc	catgcagcaa	cagttcgctg	ctgaggccgc	180
aaggcgtggg	atgactccgg	aggaattcgc	taaacaacag	cgcgaacagc	tgaatgctga	240
agctgcgaag	catggcatgt	ccacggagca	atacgtccaa	caactgagaa	tgcgagctct	300
cgctgctcac	cagaagcang	tcgaggccca	acgacagggc	ccaaagatcg	ccacagccag	360
gacagccagg	acaaccaggc	cagcaaggcc	agcaagacga	gncaaggcag	cagacaccac	420
aacagcctca	cccacaacag	actacgcac	aagtcctctg	tgacctatcg	aattcccccg	480
accctaaag	catccgggtt	gcgcaagtct	tgcgatctca	gaacctgaag	ccgagacgtg	540
tttcatggat	ggacagagga	aagacaatgt	caaagtggaa	cgtgccattc	gcgctctgga	600
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aacg						664

<210> 6138

<211> 716

<212> DNA  
<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 6138

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cgattgaagc	accagcccag	ctcactgcgg	cgccgcgcct	gcgcagaggc	cggtctgctt	120
ccccagcaa	aaagctcgct	tccccacaaa	agctcgcttc	cccgcggaag	cccaggagca	180
cgagggccag	ggaatccaag	gaagctcagg	aggtcaagga	ggtgaaagag	gcgagcattg	240
tggcgaccag	tgaggcaaat	gcaaaccctc	agtctgcctt	ggatgctaca	gccgaggccg	300
gatcggtcaa	tggcaccatc	caacccagcg	tggaaacacga	tgaagagaga	gtggctccta	360
ctcctaagaa	gtctgcttcg	acaccaaagt	ccacgaagac	acccagagct	gcccgggcga	420
aggagcttaa	agagcttaag	gagctcaaag	agattgagga	ggtcgaggag	accaaggaga	480
ccaaggagga	gaatgtcaaa	gtggatgttg	aaactaatgc	cgacgaagcc	aaggatgtac	540
aaacgaccaa	gaccaccgtc	tcggtggaat	tgctctgttc	cttccttcct	gatgctccat	600
ctgccgaaga	caccgaanag	atgattgcta	aggctaggaa	atgtagaaga	ggctgnncag	660
ctcagagcac	agaggaggaa	cccgtacat	cgtcacaaag	gctgctaaga	gcgcaa	716

<210> 6139

<211> 605

<212> DNA

<213> *Aspergillus oryzae*

<400> 6139

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agcatctcgc	atccgagccc	catggtccag	taccctcggt	gaccgtacca	actcatactc	180
tgaaccttcc	acgcctacca	ctcccacacc	gaacgcgtca	acttcacctc	gctttccacc	240
cgatgggtgt	attggtcttg	ttgttcacgc	gctgtggccg	tggtatcctg	agaatgggtg	300
caaagacgag	ctgatgtttc	cacgtggcgc	ggaaattact	gaggcggaag	atatcaatga	360
tgattggtat	tgggggtgtt	atgctggatc	tactgggctg	ttcccggaag	cacatgtctt	420
tggtgttgga	gagatcgctt	aatccctttt	tacagcggtt	aactaccttt	atggaaagcc	480
atgacgactt	acgattgatg	tataaataga	tgatgacggt	gagaagatct	gatggacggg	540
atgtacgtac	tgcattatgg	tacggaatat	tagtgggggg	ttcgaatttg	attgctgctt	600
ggatc						605

<210> 6140

<211> 574

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 6140

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gaccagacc	gaggactttc	aattattttc	aaacagcccc	acttcgcttg	gtggttctcc	180
ctaccataac	atgagtgatg	cccaggggtt	tccacctggc	gcaaacttcg	acctgaacca	240
gccccaaagt	cccgggtattg	gaagtcctgc	ctccggatcg	agcgagtttc	tcacaccacc	300
ctctggaagc	actcactccc	cctacgatcc	tatcaatcca	ttccccgaca	gctcgatggt	360
ctcatttgag	ccgtacatgc	agcctaagac	cgaggagagc	ttgttggtcg	tgagcggcgg	420
atttgccgat	gtgcctagta	tggtcgagca	gaatcccatg	gattttctga	ccgaccgat	480
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<210> 6141

<211> 751

<212> DNA

<213> Aspergillus oryzae

<400> 6141

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gtggagтата	ttgagcta	ccactgcct	gctcgtatc	gtttgaaaca	agacatccta	180
gtcccctgta	tcgactcct	aataactgtcg	aaactgggca	tgacgttttc	tcaccctccg	240
tccccctcat	ttgttttct	cttcttcccc	gaattcgagg	ttgctctctc	cttttggtcg	300
cttcgcgtcc	tcgcgagtt	tttcatttct	tttttctcatt	tcacgttttt	atcgtttccg	360
accggggggg	tgggctcttc	ttgtcgcctt	gtcaaaatca	atatttcatt	tcttctctct	420
tccgggctct	gttaatat	ttgcttactc	ttatatcggt	tttcgtgtgg	tgtttattta	480
cctatgtttc	catttatgtt	tcttagtctc	agttgatgtt	gtcgtttttt	ctcgtgtatc	540
tctctgctgg	tatttgttcg	cactcatcgt	gcctgcattt	gtgctctctt	tctattatag	600
ttcgtgaatg	tcgttgtttc	tatctttggt	attctgttac	atctcatgtc	gatagttctt	660
ttgttgcct	gacactctcc	tgagactgag	tttacgttcc	tatttgagat	tatcactgtg	720
catcttctct	cttttctctc	ttctctcttc	g			751

<210> 6142

<211> 731

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (731)$ 

<223> n = A, T, C or G

<400> 6142

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cctagattca	atggatcgtt	tttgggtctgc	gccccctgtg	acaaggactc	taactgcctt	180
tacttttcgt	cagtccgcct	tggtttatgg	tggcctacta	agtggtagat	atgttatatt	240
tcagaccgga	ctagttttca	agctctcttc	tgaggcgtgg	aggttattgt	cgctattcct	300
cttgacaggg	ccgcgcctcg	acttcatact	tgatctctac	ttcagtgaga	atccgcgata	360
gcctagtctc	accgcggcac	taacatacac	tagtgttcaa	gtatggcagt	gctttggaga	420
cgggatcacc	acggttcaac	ttaccaggtg	acttcttcac	gtacgtgttc	tttggagcta	480
ctgggtattac	ggtaagtaat	gggacagctt	tgtttatcag	tgccttggca	acctttccc	540
ccttcgcgtt	ttttgggacc	aacttctgcc	ttaataacct	cgcatatctg	ccccgccagc	600
ctttatttag	cctgagcgg	tcttggaag	tgaggngat	tggccccctgc	atctcatacc	660
agaccggtag	tcgcattata	atthagggct	ggattccaag	taaggattgc	ggcgacggcc	720
ttttaaaaac	g					731

<210> 6143

<211> 684

<212> DNA

<213> Aspergillus oryzae

<400> 6143

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ttcatcaaac	accctttcgt	gggcaccttc	acctttttct	atctcctgtg	tcaagcggat	180
ctcaactggg	tctttgctcc	tgccccctccg	ccgcccggtt	cactcgtcaa	tggccttccc	240
aagaagcaag	tggtctgcac	tgggtgctggg	ttaacggggcg	tgtgcgcgcg	agctcactgt	300
gtcggtcatg	gattcaactg	gcagatcttt	gaggcgcggt	ccaaggcgaa	cggattgggc	360
ggtatcttga	gtctggtgaa	cttgacctcc	tccttgacaga	ttcatagtat	cagtgtaccga	420

ttccatccga	cggtgaaata	ccataatgcg	tatccgacgc	agggagagat	tactgagcaa	480
attgtatacg	tgtggaatcg	ctatggcctg	cacaaacatt	ctgaatcata	aacccccgga	540
ctctcgtaag	caagcaaaga	tggcaatgga	ttatcatgat	gataaaacaa	atccgccgct	600
ttgatggcta	aggggcaacg	ttagagttgc	gaaaacccca	catgcccccg	atgccccacc	660
aaaaccgttt	aaaggtgatc	cttt				684

<210> 6144

<211> 519

<212> DNA

<213> *Aspergillus oryzae*

<400> 6144

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cgcgtaggct	tgcttttgcg	ctggctgctg	gattggttct	tttcagtgtg	ctagcgggtg	120
ccaaagatgt	gattcccgtt	ggtgagctct	ctgtaagcca	gatcgaggat	gaattgcaga	180
attgccctct	cgtggaattt	tttattgagc	acaagcgtgc	caccaaccgc	ctgaccatca	240
gcctgacctc	gaagatcttc	gccgtccttt	tccctgtgcg	cccagctgta	aacgcaattc	300
tggccactgc	gtatatctcc	ggacccccaa	acttcctcct	ggcactatgc	ccccccaaca	360
tcgacccctg	atccttggac	gcatggttag	ctttcgccgt	gggtgggctg	atgggcgaca	420
cattattcca	cctcctacct	gagatcttcg	cttgcgaga	cagtccttac	cacgtgcggt	480
ttggtattgg	gacaccgatc	agaaacttcc	tcttgggct			519

<210> 6145

<211> 732

<212> DNA

<213> *Aspergillus oryzae*

<400> 6145

ggctggccca	tttaccocag	agcacaaacc	caacatctat	tcgagcgcac	gctcaccata	60
atcgcaggaa	caatgggato	tgtcaagggt	accgacttgg	acacatacca	caatgtagtc	120
agcggagcta	attacgcggt	cttcaacttc	cgtgactctc	ggcgctcgctc	gtctgatacc	180
gatctggcct	acgatgacct	cgcctcctat	gcataatagt	acaccgtcgc	attctatgaa	240
gtcgacgtcg	gcatcagaa	gcataattca	gattttgcga	aagtggaaacg	tcctacactc	300
atcttataca	aggacgggaa	agaagtcgag	cgttactoga	aacctctgcc	gaggcaacta	360
gagtacctag	tctcgagggc	cttgtgtggg	ctgactgaga	ttggtggccg	tttttaataa	420
ctgggtgggtg	acgccgggtg	gtaatgatga	tgtgcacctc	tgtcctcgag	gttgtctata	480
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gtctacttgg	gatggtgttt	gattttggtt	ggtgcatata	agcagaatgt	ccttttttac	660
ttaggtcatc	gattttgatg	acttttcatt	gtaatgtatg	accggttttg	aattaaccaa	720
agttataccc	cc					732

<210> 6146

<211> 628

<212> DNA

<213> *Aspergillus oryzae*

<400> 6146

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ctcaggattc	tcgctgcccc	actttctgcg	ccctgatcgc	atacatcaag	aatgagcggg	120
gggacgggtg	tcctttcatt	atgaaggctg	gcaaagccct	caatgagcag	aagaccgaga	180
tccgtatcca	attccgcgac	gtgacttcgg	gcattctcaa	ggacattcct	cgcaacgagc	240
tcgtcatccg	tggtcagccc	aacgagtccg	tgtacattaa	gatgaactcg	aagcttcctg	300
gcctgtccat	gcagactgtc	gtgaccgagc	ttgacctcac	ctaccgccgt	cgtttctccg	360
accettaagt	ccccgaagct	tatgagtcc	tgatccttga	cgcctgaag	ggcgatcact	420
cgaacttcgt	tcgtgatgac	gagcttgatg	ccagctggag	aattttcaca	cctcttctgc	480
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[illegible]

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<210> 6148
<211> 717
<212> DNA
<213> Aspergillus oryzae
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<210> 6149
<211> 657
<212> DNA
<213> Aspergillus oryzae
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<400> 6149
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gctcttccca ttcatggtcg tctccggcgc cctcggcatc ttcttcatca ttctcattct     180
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catcctcgcc	gcccagcggt	tcctgctccc	cggcattatc	atgctgggca	gtttcatcct	240
cttcgtcctc	tggttgacgg	ggttgattga	gacctcggtg	cagttgtacg	gcgtgggtcg	300
gaacgtcgat	gataattgtc	agatctatat	tggtgataat	cgcgccgggg	ggaataatat	360
gcagaccttg	gcttggttga	cccagaagac	tatttgtgat	tgctggaaga	cagcttttgc	420
gtttgagctg	gtgaatacca	tcttcttcct	ttggatgatg	atcatgtcgt	ggcagggttaa	480
tcgcgatgta	tatgattgat	tttcttggtc	ttttttggtt	ttcgttgtgt	ttctatgacc	540
ggatatgatg	ttgatgacta	attatgcgat	ggtttctgat	cgattctgta	tgtatgaaga	600
tatgggcggt	gtatggtata	tgatatccaa	aatttgagat	tccttttttt	gtcaaaa	657

<210> 6150

<211> 634

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 6150

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accaatggta	tttatgtctt	agataccttc	ttcgagatct	atgtcattgt	cggtgcacaa	120
gcgtccaacc	gaccggcaga	tttcgtatcg	gccgtgggat	tcgcacatga	atatggcatt	180
ttacctgctt	cgctccaaaa	ccggccattc	attcctaaaa	gttttgtgtc	gcttgcgggc	240
gttcctgggtg	ggtgctgtcc	agctttccgc	aggtggaacc	agccacacct	gcggatgcc	300
cacacagggt	ttccctggaa	cgcagcctat	aaaacccttc	gctcctaaaa	accggtgtta	360
aatctgcggg	tatcttgtgg	taaaattctt	tttttctgct	atagattttg	gcatggagag	420
ggccatatac	gggggctgga	ccaaaatgtt	gcacccggcc	tggataaaac	gaagggggct	480
taaggaccat	atcaaggacc	cttgccgggg	ggatttgga	attcccttcc	tttggggggg	540
tttgggcccc	ccccggcccc	gggggggatt	tttccaaacc	gggggttcct	taaaaaaaaa	600
atthaggggc	gccaaccctt	tttaaagccc	cccn			634

<210> 6151

<211> 679

<212> DNA

<213> Aspergillus oryzae

<400> 6151

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gggtgaaacc	accagatcc	acgctcggcg	acttctactg	gcgatcgagc	ctaccgcggc	120
taacatggct	ccgttcgacc	tggaccgtaa	tgagaagaac	gtcctctcca	gattcaccta	180
caccaatgaa	tacaccggta	ttgtgaacaa	cgccgccttt	gcattcaacc	aatcctattt	240
caacctgccc	cggacagccg	cgccggacaa	ctacctcgcc	ctgcccgaag	cgtctttcac	300
agctcgcat	gactacatcg	gcggcggcga	cctcttcagg	gtgaccattg	tcggtaacag	360
cacgctcgac	acagccgggtg	ccaagagact	cgtccagaac	gacttcaaca	cactgctgcg	420
ttcggggcgt	ttggcgaaga	caagcaacgg	ggagccgctc	agctgggtgg	actttgcgac	480
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gctgaacgct	ttgcagggtg	gtcgggtcaac	ctggtggact	ggcgggtgct	tctcggataa	600
cttccagaca	acgttgtggg	agtgtgacga	gctccttttc	ccggaacttc	ttaatgggct	660
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<210> 6152

<211> 520

<212> DNA

<213> Aspergillus oryzae

<400> 6152

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taggcgtcgg	cctcggcctc	tccctcagtc	cgctctcccc	cttcggttcc	gccccaatgc	180



aatgccaaata	cagcgccccc	tactaccgac	ccgagtcgca	agcctcccc	gactcagggt	240
ggaccgttga	ccgcaacgac	cccgtgctcc	tcaaacaggg	ggctacgaag	agcgggtggg	300
tgacggcgtc	gaatatgcga	caggtgagtc	tggggagtg	ccttgggctg	gttggtgggg	360
tgggattgag	ggcgttttcg	agggttttgg	ttgtgctttt	gggtatgggg	gttggtttttg	420
ttgagtgggc	tgctgcgaag	gggtataatg	tgattcctgt	ggatcggttg	cagaggcttg	480
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<210> 6153  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 6153						
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gaggaataca	ataaacggga	acttgccacg	ctgttggatc	aacatctcca	agctaaccag	240
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gaaccaagcg	cggaacctaa	agaggaggct	gagcaactcc	aagaggaatc	cgacgcgtnc	540
ccaccacctg	tcttcagac	tcctgggccc	tcgcccgtga	actttcaatc	ggccctgccc	600
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<210> 6154  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 6154						
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acatcaacgt	caactacacc	atcaatggca	tacactagaa	ctgatccttc	gttcaccttg	180
agtgcgcgac	aacgcgatga	tatgagccac	cacagtccca	tgatcgtcc	ttacgatacc	240
ttcgccgccc	ccaaggggtcc	cgatccctta	tcggccaact	ggaactatga	tagtgctatt	300
gatctgttct	cgctcaacac	catgatgcc	gagaacttcg	ctctcgatgt	gccaatgag	360
cctatgggag	tggaccccaa	ggatttcccc	gcggtttct	tcgcgcccc	tcctgatata	420
agtggattca	ccatctccaa	ccactcgggc	gaagatgccg	gttctatcac	ttcggatctt	480
gaaagtgatg	atcagtcgtg	gtctcccacc	tacgtgctc	ccgctgagat	gcttnctgcc	540
ccncgaagac	aatccacccg	ccgcaagacc	accccagctg	tgaaacgcga	gacgacatgg	600
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catggcctcc	c					671

<210> 6155  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 6155  
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 ctggctccat ttttcoggac tcgaccttct ccacatctcg catttcaaag gccgaccgct 180  
 cagcttcggt taccgcgca cttttcggag acacaagcgt actgaacgtc gtccctctca 240  
 ccaaaccag acggtgcctt gattcagtg cgtccgacttg aaaacctggt ctggtgaacc 300  
 cgttcagctt ggcagatggc atgccgaccc gaccgcgttt gcgtttgcat cactgacagt 360  
 cgtgcagtaa cgcagtcgaa actcctgcc cggataccat tttccggctc aacgtcattt 420  
 cacagtgcaa agttgcaaac ccctgtctca gacacggaat gcgtctccct tgccctttcc 480  
 ccgccagtaa cccggcccga agcataatca ggaattatgg gctcatttgt ggaggatctt 540  
 tgggctagcg tctttacccc ggggtccact ccacacctgc tcgtcgctgc taacgccact 600  
 ttccgcgcac tccaactggt cctcttgctg ctctgctcg cgagctacag gatncacttc 660  
 atcggtctct cgtccn 677

<210> 6156  
 <211> 670  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

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 atcgttgggt tcttctcggt tgtgccacga ggagggataa tcgggcttat tatcgacgtg 180  
 ctattgctat ccgaccgtgt aatgctatcg atgatatgct tcggtgtctc cggaacgtca 240  
 aaagcttgat taaccacaga ccgaaatccg acggaggggt tatggtgtaa ttgaggttct 300  
 tgctgctgtg gttcggcggg ttggtctttc tgagcgtcag acgaagggtg agccgtgaga 360  
 tctgcgccga atcctgacag acgcctgata tctgggagcc caatgatagg aacatcattc 420  
 tgaggtcttg aaggaacact ctggttctcg gattgctttc cttttgcttc ctgtcctgcc 480  
 gggctagtgt taggtactgg atctgtggag gcccgactca agcttggagg gcttctctgc 540  
 cccactgtct gctcgcgtaa ccggctatag atgtcggctg agcgtaatgg gaggttggtga 600  
 ttctgttctt ctgcggttgc gtcggctgag tgactacngc tatccgccac agggccgggtc 660  
 cctagcgtan 670

<210> 6157  
 <211> 693  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(693)  
 <223> n = A,T,C or G

<400> 6157  
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 gcatcaactg ggcgaagatc ggagggcacc cgatcgagta cgaccggacg tactcccttg 180  
 ccacacgagg atacatgggc cgcggaaagg acggcttcgc gtcgttgctg gtgcagctcg 240  
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<212> DNA

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<400> 6163

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<210> 6164

<211> 642

<212> DNA

<213> *Aspergillus oryzae*

<400> 6164

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<210> 6165

<211> 751

<212> DNA

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<210> 6166

<211> 718

<212> DNA

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<220>

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<210> 6167

<211> 560

<212> DNA

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<210> 6168

<211> 662

<212> DNA

<213> *Aspergillus oryzae*



<210> 6171  
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<220>  
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[illegible]

<211> 699

<213> Aspergillus oryzae

<211> 636

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<213> Aspergillus oryzae

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<210> 6177

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

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<211> 516

<212> DNA

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<210> 6179

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>  
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 <213> *Aspergillus oryzae*

<400> 6180  
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 atggccttcc gcaacgggtc cttcgcgacc tttctcatcg tctgccaac ggcttcttcc 120  
 ctgggaatca tcttctccct cctcccctac gactacccaa ttctctgggt caaccacccc 180  
 accccaccca cccactacga ctacttcgaa gccacctcc gcttctgca cgcctcgccc 240  
 cccctaattc cccgcatact ccacatcgct atcttctctg gcttactcgg cctaatectc 300  
 aagctc 306

<210> 6181  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

<400> 6181  
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 tcttcttcnc ctctgtgcac ggggtcctcg tctttcggtt cgactactac tactctcgct 120  
 tcctccactt ccactttctac ttcaacctct ctacctctgt ttactagcac actcgtttct 180  
 gtcagcactc ccgtgagtggt ctccagcaca atgggtccaa ttccttctcc ttcggcgagt 240  
 aacaatcctt ccggaacaac ttccgggttc ggcaatggca atgggaatgt cgcgggtaac 300  
 atctgtgtga ttgccaaagg caccgctgct gcgaatgtgg ctacctcggg gctcaatggg 360  
 tatgggattc cctttacacc ctgccggttc ggaatctggg gttactccgg caaaacttta 420  
 atggaacttc cgggggggaaa ttttgggggg gtccgcgggt tctgaaccga ggtcaagtat 480  
 gagtaatagg ggccaaaagg gtccaaaagg gcggcctggg taacggggca acagggggatc 540  
 ataatcctca ggccgcataa acacctcgta caagtgggtt cccctgggtg gaatattaag 600  
 attgttgccc gggggacaca aaaagggggc ccgcccgtgg ggggagggtt gttgttgatc 660  
 accggggggg gaaacatttt tcttttttt 689

<210> 6182  
 <211> 678  
 <212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 6182

ctgaatcttc	caaatacaat	tcttccaact	cgccaaaatg	cagcccagcg	ccaacatgat	60
ccaccccgaa	ggccccgtgg	tcattctccat	cccgagagag	gcaaagatcc	acatcgtcgg	120
caagacaaac	gcagacttcc	gccaaagggg	caccgtcgag	gagattggca	aagacaagta	180
catattcgaa	ggcagcgggt	aaggcaagct	catgacctt	gcgggaggaa	acgagagcgt	240
cgaccttgag	cctatcaagg	gcactggatt	ccgcacatgg	aaaatcgact	tccagaactc	300
cagttccggc	gcagaggact	cctttagaat	gtcgaaagtg	ctgcgtccag	tctacaacac	360
cgtttacgat	gagaactaca	aggttcgaaa	aatggagtg	gagattgcga	gtgaagataa	420
cattgatgat	gattacaacg	atgcgatcat	cactgtcagc	gccgacattt	gagtggcttc	480
aatttgggtt	tggcgaagct	ttaaggacat	accgattgaa	ctctagagtg	ttggactttc	540
ttgtctctag	cattcgggtc	tccagtgaag	ttgcctccat	atggctntcc	tggatgaaac	600
gcttctgagg	gtagcggttg	tggatatgac	gtgatgtcaa	atacatactc	aatgatatat	660
accantgccc	cttactat					678

<210> 6183

<211> 718

<212> DNA

<213> Aspergillus oryzae

<400> 6183

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tctgtcttag	cgctgtccct	ggcgctgccc	tctctttcga	ccgctgcacg	actctttgca	120
accactacg	atggcaacgt	atactctctc	aacttggagg	agaagggcga	taaattctcg	180
ctcacgaaga	cccacaattt	gaccacatgc	ggcggtgccg	gctcgacgag	tgcgctgaca	240
gtagactctg	cccgcgggct	cgtatgggtc	gttggggaag	gcactcccgg	tgcattaacc	300
gccttgaagg	tctggaaaaga	cggaagatg	ttcgagggaag	tcgtgacggg	agagacacct	360
cctggcggag	tggacagtgt	cacatacggg	atagataaac	agttcctcgc	gatagcgcac	420
tatggcaact	cctccatctc	actcttcaac	atcccccttg	cggacaagca	gcaagtgaag	480
cccttcgacg	tgttgaagtt	gccccgcgcc	aaaaatgtca	ccgaaaaaca	gcccgaagtcg	540
caaccccatc	aagtccttct	cgacccacc	gaatcggtca	tcctgtcgcc	tgatctggga	600
tccgatgtga	tgcacgtgtt	gcgattgacc	acaagtcggg	taaactaaac	aagtgcgggt	660
ccaactcgac	gatctactat	gataagggga	agcgggccac	gtcatggagt	gtttgtga	718

<210> 6184

<211> 738

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 6184

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ggaaacactc	aacggctcaa	acaaccgtgg	aatgccaaact	gccaaagccg	ctaattggagt	120
ctccaacaac	ccctctccta	aggttccatc	ggtgtacaat	atcagacagt	ccgcatcatc	180
acatgattcc	tccaattctt	gttctccatc	atcctcatcg	gactcacacc	aaagtccagt	240
gctgtcttcg	aatggcacat	cgccggaaac	gtcatcaaat	tcgcctgcta	cgaagcttaa	300
tgacagtgtt	caaaatcatc	atgcttgtag	ctatagcacc	attgatgggt	aggcctcctt	360
ctgcgcacaa	ctcggcatgg	cgtgcggcaa	tatcaataac	cctattccag	ctgtgagagg	420
caaaagcgag	agcgtgtcga	atacccccag	ccaacccaac	aacaactacg	aacaaacacc	480
cggacctgga	ctggaccttc	tggcgcagca	gaatgggggt	cagttcgatc	cagtgcgtgtt	540

002250.655666

cggagactgg	cgagaacctc	aagatgcaat	tttgtcgcag	gacttcggta	ccttctttga	600
cgatgccttc	cccttgccgg	atctgggaag	tccatctcac	aattttaatg	aggtggctaa	660
cccgcagcca	ccgaagaagg	atcttgattgc	tgaaatcgac	aacanattgg	atgaagaggt	720
ggttgcctgg	gaggacaa					738

<210> 6185  
 <211> 1345  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6185						
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cctcactccc	ctcttgatcc	tctcctccat	atctctttct	agtcctttac	ccctccaata	120
tgatcgccaa	gtcgattctc	gaggctgatg	gcaaggccat	cctcaactac	cacctcactc	180
gtgcccccg	catcaagccg	actcctcttc	ctccttcctc	cactcacaac	cctcccgcctc	240
gtctcgccctc	tctctacttc	cctgaagacc	gtgccgtcaa	ggatgtcctc	gaccaggccg	300
aggtgaccta	cccggtggctg	ttggcctccg	gtgctaagtt	cgttgctaag	cccgaaccaat	360
tgatcaagag	gctggaag	agcggtctcc	tcgctctgaa	caagacctgg	gctgaggcta	420
gagaatggat	tgaggctcgc	gccgctaagg	acgtccagggt	tgaaaccgtc	actggcgttt	480
tccgtcagtt	cctgggtgaa	gcctttcggt	ccccaccctc	aggaaactga	gtactacatc	540
aacattcact	ccgtgcgtaa	gggtgactgg	atcctcttta	cccacgaaag	tggtgtcaat	600
ggtggcgatg	ttgaagccca	aggccagaaa	cttcttattt	cttgtcaacc	cggagaacta	660
cccctcgaat	gaggagatcg	ctgccactct	cttgaagaag	gtgcccagcg	gtgtccacaa	720
tgctcctcgtg	gacttcactc	ctcgtctgta	cgccgtctat	gtcgactgcc	agttcaccta	780
cctcgagatc	aacctctcgt	tggtcatccc	taacgctgat	gccacctccg	ctgagggtcca	840
cttctctggat	ttggctgcca	agctggacca	gaccgctgag	ttcgagtgcg	gcaccaagtg	900
ggctattgcc	cgtagccccg	ccaacctggg	tattgccgtt	gctcctcagg	agggcaagggt	960
caacattgac	gctggcccg	ccatggagtt	ccccgctcct	ttcgcccggtg	agatgagcaa	1020
ggaagagaag	ttcatcgctg	agttggatgc	caagaccgggt	gcctctctca	agctcaccgt	1080
cctcaacccc	aagggccgtg	tctggaccct	ggttgctgggt	gggtggtgcct	ccgtcgtgta	1140
cgccgatgct	attgcctccg	ctggcttcgt	cagtgaagctc	gccaactacg	gtgagtactc	1200
cgggtgctccc	accgagactc	agacctacaa	ctacgctcac	accgtcctgg	acctgatgct	1260
acgtgctcct	attcaccccg	acggcaagggt	tctcttcatt	gggtggtggta	atggcaaact	1320
caacaacggt	gcttcgacct	tcagg				1345

<210> 6186  
 <211> 707  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6186						
gtcaatacga	gcgtcaggcc	aacaagtacc	tggtccaaca	gtcgatcatg	caaaacgagg	60
tcatctttcag	ccgagaaggc	ctcacgctgc	tcaatgtcga	ccgaatctac	acattcaaac	120
gcccgtctgtg	catcctttcc	aaccaaggca	aaaatcccga	agcgtcctgc	gtcacatcct	180
gcgtgcagct	cctgcacgc	actattgggg	atcttcagggt	tcgcccgttc	agtaaaagcat	240
tcttcaccgc	cgtatatgaa	cagctcgacg	tgccggacga	actcctgacc	cacatcgccc	300
aaacttataa	gaagcagttc	ggtcaggaag	ggatcatcct	gccgccgcgc	gcgcgggcag	360
agcacagcag	ccggaactcc	ccgaagcgca	ccgttcgggc	gcgcagggag	gccaatccgc	420
cgagatatag	ggctgctccg	gctaagcggg	gacccaagac	cccacagtct	gcttctgatg	480
ttaccccgat	tacgaggaac	gagtggaaca	tcctcaattc	caatctgcag	cagactaagc	540
cctccgtcac	taaatggacg	cccgctcgccg	actgttctcg	ccgccgcttg	atctatgaag	600
tagacagcta	gatgtcgacc	ggcatcgcat	gcttaatcct	tactttccta	tccccaaagt	660
gacagattac	cgagcgtgct	gcttcggtgc	ggctagaaca	ttccaag		707

<210> 6187  
 <211> 604  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6187

cgagtgaagc	ttttcggtat	cagtgatagc	tgttggttagc	gatggcgaga	cgtacacgcc	60
ctttgtttca	caaagacgag	atgtgctgcg	gacgggtgat	gggcagattc	cgatgcagga	120
ctgatcgcaa	cggtaataga	catcgggtatt	accgcttctg	tagtggatgc	aaatggcttt	180
gtgcagatga	ttgggaagga	tggcgacaca	acaaccctcg	ttgtaggtgt	ggtgagcgta	240
gtcggaaaca	acatgagcgg	tcggtgaagc	atttcactta	tcgatgtctt	cgggagcggg	300
gcagataaccg	gggataagag	gggtctatac	agctgggttg	tgttgctgct	attgggaagt	360
ggcatgagtg	acgaggtgga	gaaaggggtc	ccacggtatg	gaacaggatg	gtaggtatgc	420
catacagtga	ttccatgttt	ttgtcctgtg	tgccattgcg	cttgtcaatg	ctgggggttg	480
cttttatagc	aagggaaaca	gaaggtggag	gggaggggtc	atattgataa	attgctggtt	540
gtgcttgttt	ctcaatttta	gtggatgctt	catctactta	gctgcataat	gtatttcgca	600
cagc						604

<210> 6188

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<400> 6188

cgatcacagt	cccccaattct	aatccaacct	cagatccaag	tgccggtatg	tcggagaagg	60
atagtagcgg	ctcaggggta	agtggaggcg	caattgctgg	cgtgggtgtc	ggctcgattg	120
gcggcttggc	tgctattata	gccatcttct	tcttgatatt	cttcaagaaa	cgtcagcagc	180
gttcaacaag	cccaagtccg	agcgtctcca	atggccttgc	agatggtagg	aacagcaaag	240
gttctcagat	gagcgtcgcg	aaccgagcgt	tctcggacaa	ccacagccat	acgttatctg	300
ccgatccctc	aagattacca	acgtttaccg	atactcgctt	gaagacggat	actgtactgt	360
tcgcaggcgg	ccgtcgtgac	agtgacgtgt	cactccagga	caacgaagac	tattctcggc	420
cagttcttcg	gcttacgaat	cccgaactgt	ccgttccaac	aagagattct	ggcttctttc	480
ttttgtcttc	cctttttctg	tggcaactcg	attgtgcgtt	cggcgattat	agcggcttat	540
gatacccatt	ttcacatata	ccatctaccg	gatccgggac	ttgacagctc	ggactcctcg	600
ggccgttcat	gcttggaggg	gcttacgggt	ctcccctag	tgcattgggtt	tataattctc	660
gccatgaaa	caaccagaac	gctatgaatg	tcatat			696

<210> 6189

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 6189

gaataataaaa	cggcctcttt	ttaattgccc	acagtacacc	accataaaga	ggaaaattcc	60
aacactatac	cataaaccga	acattcaaac	cgtcacaatg	gctacaggcc	cctcgccctt	120
ccccccaaca	ttcattctca	attcgaagtc	catctcccaa	tcagcggcgc	atgactttct	180
cgctgcctac	atcgacctcg	ccgctacaga	ccccgcata	caaccacaacg	ccggaatcag	240
cgagcatggc	ccggtttcgc	gtaccacagc	cgctgcgcct	aacctcacga	tacacaactt	300
gaagcgcgtg	aaggccggcc	tggcgggcga	ggctcctagga	cgcgatttgg	cgctcgctaa	360
gctggaagag	ggagatgcgc	agcaacagca	gcaagtgggg	gcgaatggag	actgggagga	420
tgcaagaag	ttccaggagg	gtgagaatgg	cgatgccgtg	caggacgaga	acgatgcgca	480
ngggcagatg	gaggtagacg	atgcggaaca	ggatgctggt	gctcttgata	aggaggaaag	540
gaagcggaa	aagaaagaga	ggagattggc	agagaagaag	gcgaaagcga	aggctgagac	600
tcaagccgaa	gagtaaattc	ggcggcaaag	ggaaagacag	tgagtaaaaa	atagaaaaag	660
aaaaggcttg	tatggntcta	tgatttgaag	gattg			695

<210> 6190

<211> 929

<212> DNA

<213> *Aspergillus oryzae*

**Q**uestions are asked about the following:

<212> DNA  
<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(584)

<223> n = A,T,C or G

<400> 6193

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gattgtggtt	cctgttttag	ctcgtgtaga	ccaatctgcc	ctgcagcagg	ccgttgatgg	120
tgtacgaatg	cggtatcaga	cgctccagaa	gcagcaagct	gcgcagcctc	ctccaccggc	180
aacgggtgaa	gaagaagacg	atgactatga	gcccgaatat	caacccatgg	acgtgcccga	240
acaggcggca	gagcaggaag	acgcactgtc	ggctgaaccg	gccgatcttc	agcccgaactt	300
ggtgtcactc	ggtccttttg	tgctcccaca	accttcccca	ctatcagaaa	atgaggctgc	360
agagatcggc	cgaagtgccg	tgggaagagt	gtttgacatg	cttgcatcga	gcggtgtggc	420
gccaaatact	gganaaggaa	agagccagca	acacctaagg	ttctcgaggc	tggctggcag	480
cacctttgat	cgggacgcct	gngtaacact	actcacncca	ctcgcgacgc	gggcgcctgc	540
tggttagagg	tagaccacaa	gaagaccgat	caagaccggt	cggt		584

<210> 6194

<211> 520

<212> DNA

<213> *Aspergillus oryzae*

<400> 6194

gatgactatt	tcgatccaat	ggatactttg	ccgatcccat	caatcgatcc	ggatcaagtg	60
gacatgttga	gtatcacatc	gagacggacg	aagaaatcag	ccccagtg	cagccagctt	120
cgtaagaacc	cggaaatcac	tttgaacaat	ggtgggtggt	gcaggcccg	gtcgtccttt	180
agccgatact	tcagaggaag	gaaacgtacc	agcgatcgca	tcattgcagga	aatccctggc	240
cttcacgatt	ctctcatgga	caatcctatg	atggcgact	catcgaatcg	atatggagcg	300
gtcgacagaa	accacattca	ggcgggggtc	cgtgctaact	cgctgacggc	cagccgaatg	360
ggtgactatc	caccacatcc	ttaccagcc	agtaggagga	acagccagtc	tccggcgact	420
cctccctacg	gtccgcctgg	ccctcgaatg	ggccgaccag	gaacatctca	agatccaagc	480
ctatggccaa	cggaccggcc	cccggggggg	ccaacctttc			520

<210> 6195

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6195

aatgatatcg	acaggcgggc	tcacgagcat	cttcggaaat	gcttgacata	tttgatgttt	60
gatgcattcc	agaagccatg	ccgaagccga	cattccctta	gaaggcgtct	gaaggagtcc	120
ccactgttaa	actatgcctc	tatgacctgg	ggacagtatt	gtggcttaca	ggcccctgct	180
ggtttcgtgc	tcgggaactc	tgaattggac	gagataatgg	atttctttgc	aacatgtgct	240
ctacacagtg	gcggtaactt	taggtcctgg	gtccaggctc	tgatccctga	ggctgctacc	300
gaagaagcct	ggtcaacaga	gccattgtac	tatgcggctt	catttggaat	gacgctcgtc	360
gtggaaaggc	ttatcaaaa	cggcatcaat	ttggactccc	ctgggtggccg	tcacgatgct	420
actgccctta	cagtcgcgtc	atacagaggc	cagctcgcag	tggtcaagat	gctacttgag	480
gcangtgcag	atccgaactt	gaagattgca	tgggatacac	gtctcggtgg	gcaaagagaa	540
aggcaccgca	agggtgaacgc	tttatggcat	ttgtcgtaag	tcatttgaac	aatcaagtac	600
tcggttagaa	ttgacacagg	ccgtaccaac	aggaactcag	gtcataaaa	gcttatta	658

<210> 6196



<211> 690  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

<400> 6196  
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 tggcgctcc accacctccc agcatgcctc cccctagcgc tgccctcaa cctccatcca 120  
 catcacggag caatcgtgca tccttgatg ttccgagagg cccatccaac ctgcggagggt 180  
 ctatggacat aaaccgtcct tctgttgatc agggttacat tgccatggat gttgatttgg 240  
 cggaacacac gctgtgggtg ggcgaaccga ataatectcc tcctgccttc caaaacagga 300  
 aagatgttct gttcgaattt gaagattccg gccctgcaa tcgtagcgga agtagcacgg 360  
 ttaccaaaga agtctatatt ctattcatcg actactctca aactataatc accgtgaact 420  
 tcgatgctcg gaatccttcc gatgcgactc tggagcaacg ccatgaagct nccctcttc 480  
 aacctcgcca ggaccaactc gaaaatgcac atctccaaat cggaaccgc atcgccactg 540  
 ctgtgaacgg catncaaat acaactgttg cagatggcac tccgattcgt gctattgaag 600  
 accctgctag gccattaca gatgccctac acactgtccg gacacgtgcc taccgtgctt 660  
 tagttattcc aatctggcaa cccctcccg 690

<210> 6197  
 <211> 739  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 6197  
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 ctgtacaggg tgctggcagc actggaattg cgggcggtgc ccccgccct ccatctgcca 180  
 tcaactgccg cgaggccgct gctcgtgaac gtgaagatcg tcccgcattc gcaatgaagc 240  
 gtggccgcga gtgggaagcc gagtcgcgac cggttaagaa gatcgccaat gaggaaagcc 300  
 gtgctcgtct cgtgaacag ctctcctcgtc gtgtcactcc cccaaaccgc atgccttccc 360  
 ccggcgagat gcagcgtcgt agctcgtctg aagttcggcg cgaagaccaa cgtcgtatca 420  
 atgaaagtta tcatccttcc gaggcggctc atcacctcc gacgctgcca tccattcagc 480  
 acatgccacc acacgcctct ggcctctggtc ttctccaat ggcgtgaagg tctactccc 540  
 cagccaacgg tccacagccc ggaccttctg ctctgtgca ggttaaggaa gagccggccc 600  
 gcggcgagca acctccggct catgaaccag ctgcacggaa gatggacgtg gatgagaact 660  
 atgatgacga tggatgatg gattaaagag ccagcactgc tgtaaagggc agcccatctg 720  
 ccaccgcatc gggcaatgc 739

<210> 6198  
 <211> 671  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 6198  
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 atcacaatgt ctgacaacgg tgcttccact ctcaagtcct acgtcgactc tgccgctggc 120  
 atgggtccaga gcgctgtcgg tgccgtgact ggcaactccg ctactaaggc cgaaggcgat 180  
 gcctcccagc aaaaggccgc cgccgaacac gatgccagcc acaccaccgc caagctaggc 240  
 cccttctctg ccgaccccaa cactggcgcg acagccaagg accgtgagca gcgctccacc 300  
 ggcgcctggg atcagactgt cggctccgcg aaggagtctc tgggaaacct catcggtaac 360

gagaacctgc	gcaagcaggg	cgaagaccag	aacctgcgtg	gcaaggggtgc	cgaagctgag	420
ggacagctga	aggatthttg	tgagggcgct	gccgatcgtc	tgaggggtgg	tcttgaaaag	480
gcgctgctgc	tgctactggg	gatcgagcgc	aggaggcgaa	gtggactcag	attcttgatg	540
aaggcaaggg	taaccanagg	ggggctgaac	ttggattgca	aaaccatgct	tagaatggac	600
tttaccgtca	atattttgga	tacccttgca	actgggatga	atataatggg	ttacggaatt	660
gatgggtttg	g					671

<210> 6199

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 6199

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agagctctgt	ccctgtcggg	cttctcgtgc	ttcgtttgca	cagtaactct	tgctgaactc	180
accaacaaca	aacaagcccc	aagcgcaacta	ccgccccaat	gtattctcgc	aaccaggttc	240
tagcagctct	tgccaccgtc	ggcatcacat	cggtgaacgc	cgccatgggt	cccgcactta	300
gtactggccc	tggtgcgtcc	aactcgttca	tccgcgaagc	tacttcgacc	cttatcctgc	360
caaaaggacc	cagcggagga	tctacggacg	ccatcacctc	cctatgggtg	ggtatgggca	420
cctcgaacgg	tgacttgatc	cagtcatttg	ccgacaattg	gcaacagagt	gactggacga	480
tgtatgccta	cacgctcatg	aagaccagcg	acacctcaca	gatgcccaatt	tatggtgatg	540
gccangagaa	tgctggcgag	ggggacaagg	tgacgatgca	ctacaaattc	gacgatgccc	600
agtggaacta	cacacagacc	gtncaaatca	acggcgagac	tgtctcgacg	ctcttcaaca	660
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<210> 6200

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 6200

gacatataac	aacttcctga	ttctttcttca	tggccacat	ccaagagctt	ccgcatattc	60
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catattcgag	gaactccgcc	tcaacgaccg	gctgaagttt	ttgtgggtact	ctggagtgca	180
tacgctcttc	acagcaatga	ttcaagttcg	ggtggaactt	cgattctcaa	atcctgtcct	240
cgcaatcaac	gccttgcgcc	gcttcgactc	ggcctcatat	tctctccgtg	aacttgcgga	300
gtattgggtct	cacgccaaca	ccatcttaag	gttatttcaa	gactctaaac	gactccagga	360
ggacttgcca	atggctacca	gcgaaagacc	aagacgattc	agcacacatg	atcaaaataa	420
aaacacaact	aatccctcta	atcctcatcc	cacccccacc	ccgaatctca	attcaaatac	480
cactatacag	agcgcccaga	ccgagccgcg	acctccatac	gaagttccta	cccctgaatc	540
tccgctatg	cccccaacca	ccatgagtc	acatcagaac	cagccattcg	acagctggat	600
cccgtctagc	catctggctt	cc				622

<210> 6201

<211> 817

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 6201

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cgcgtcccg	gccgttcttc	ggcaatcgca	gttcctgacc	cggaggaccg	ctgtcagata	180
cgcctcctcc	accccgaggt	ctgctcagaa	ggctagcgag	gctgcatcct	ctgctgcctc	240
caaggcatct	gaaggctctt	ctcgtgtcac	atccaccgct	ggccccgctc	tttcgaatgc	300
cgcgccaggg	gtcggcagtg	ctctgaggaa	ggttggtgga	aggaccggaa	aagtcacgc	360
tttcgtcgat	tctatgatac	cccctaccct	ctactacgga	aaggctcgcc	ttgaactcgc	420
caagctcggt	ttccgtggac	agaacatgac	tcctcccaac	ctggctacct	tccagtcctt	480
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cgggtgttact	ctcgcggagg	ttatcggaat	ctttaccgtt	ggtgagatga	tcggtagaat	660
gaacattgtc	ggctacaggg	gccaccctga	gcaccacgga	gaccactaga	tcacccgcaa	720
gcactaatgc	atggcctgtt	ctttttatat	ttccttttat	cactgcgttc	tgtactattg	780
tatgatagac	gatggaantt	aactggtgtc	tgaggta			817

<210> 6202

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 6202

gaaaaaagaa	aagaagcata	caacatggaa	gtttgacgat	ctagcaatgc	aaccgaatca	60
tcaccgggg	gcgaaaagca	cattgaacat	gggttgacag	cgacctcacc	accgatgcc	120
tgctgaatgc	cgcattacgt	ggtatgagcc	ggattcgaat	gtgctattct	gccccctttc	180
tttttaggcgc	tcgttgccca	ttgctgtccg	ggcaccggcc	tatcaattgc	ttgtttccta	240
tggctgggat	cacaccatat	actactcacc	accaggacct	aaaacttttc	acacctggag	300
caaattggccc	tatcagagac	caaattccca	cgggtaatat	atgaccctgt	ggttgaaagg	360
gcgcccgtgg	ccctgggtgga	gccgactgtc	cgttaccctt	tttcagacct	aattccatac	420
agggcggaagg	gaaacagtct	ctttatatcc	cgtggaacat	aactgcatg	attctgggtg	480
gtgactatgt	ttggttctgc	aatccgctcc	gatatgcaaa	ctgcagcttg	ctgtcacctg	540
gagatgtacc	tgaagcctc	gtattgggtg	agggtcgggc	ccatcatttc	tatcatacat	600
gtgtatgtgg	gcttttaatt	cgatcctgca	gataaaactaa	ttgctggctg	ttcaactgcc	660
aatgcaact						669

<210> 6203

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 6203

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cttccactcc	cacactgact	gtctacgaca	tcctgatgcg	cgagcccgtg	tcggagaacg	120
cctgttcccc	caacccaaca	aaaaccgcgc	agactctaaa	cttcaagtcc	gtccccatac	180
aaacaacatg	gatcgacatg	ccagacatcg	ccaaaaccgc	caaatcgctg	ggtatccccg	240
caagccgcaa	attcgccgac	gggagcgaat	tctacaccct	ccctgtactg	ggtgacaccg	300
ccacaaactc	caaaaatcggc	gactctttcg	atattgcggt	gtacatgcac	gagacgtacc	360
ccagtgtggg	cggagacctt	gttccctcacg	gtgtagagct	ggatttcggg	actagcaata	420
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ggagccctct	tttgggggtt	ataatgtccc	cgtgaggaaa	aaggggtata	tgaatctttt	660
aaaaaacctc	ggggaatttc	cg				682

<210> 6204

<211> 479

<212> DNA

<213> *Aspergillus oryzae*

<400> 6204

tgatggccgc	tcactatacg	gcgaatgggtg	cacgcgcact	ggtggacacc	acagctcggt	60
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ttcttcgatg	tccacgccga	acgttgggaa	ctccgcggac	gatataggta	caccgtcgtc	120
cctcatgggt	caggaccttt	cagcagacga	ccacatgctt	gcgtccctac	gtgttcgact	180
ccgagatctg	tctgccgagt	ttcgggtcacg	gttgaatacg	ctcctgggcg	acctagcata	240
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accggtacga	aagcgaagga	cagcgacgag	ctctcgagac	aaggaaagac	tccgccgcaa	360
agcagcagag	gggaatgcac	aaaaggaaat	gaagaaagag	agaagagatc	caaccgggcc	420
agaaagcgcc	agtggctcag	gtgcccaagc	accataatgt	acttttcacc	tgaatggtg	479

<210> 6205

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 6205

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tgatgatatg	ttcctcgaaa	ctgatattcta	ctaccccaat	ggaacgacct	tccgtattac	120
caccgctgat	atggatggta	tctcgagctg	gctcccgaac	atcaacggca	agatgaacgc	180
cggtagctca	tactttggtg	aggtcggaca	caacggtaac	gggtgcatcg	aagccgctgc	240
cggcaaggat	gccgatgcct	gcaacggagg	tggcattgaa	tacgactcgc	ccgctgatac	300
tctctggag	ttcaagaagc	ctctgggcac	cggtagctac	ctttggccca	aggacctgac	360
cgagtacaac	tggactactg	agtgcaccaa	gttggacgat	cttttcgtct	ggtggaccac	420
cccggctaac	cgcgacaagt	atggtcacat	ctctcacact	ttcactcatg	aagagcagaa	480
caatgccacc	tacaacgacg	tgaagaggga	gatctctttc	aaccaggcctt	ggttgagaca	540
gagtggtttc	tatgatgcc	aatattttcac	aatccacggt	atcatccctt	ccgccattac	600
tgggttgac	aacggcgatg	cctttgcggc	ctggtacgaa	aacggattca	ccaactgtgt	660
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<210> 6206

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 6206

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gaatcttggc	attgacggac	tttgtctgtt	tcttcaagc	tctccctctt	caatactcca	120
ttgataggcg	gaggacagaa	gaattcaagc	actactctat	ttctttgcat	gaatattaca	180
ctgtcgcggt	agcgatattt	cccttggtat	tttgtctggc	ggaatctaaa	ctaacagttt	240
actgcgggac	aattaaaata	tgtccttcaa	gtcaaaagac	ctcgaatatg	aggcgaaaag	300
accagcattc	ttgcagcgac	ttcgaaacca	atacggagat	acctccggtc	gccttgagcg	360
cccaattgct	cgaccccgaa	aactaaaaga	tgccgacgat	gatgatgaac	ctacttatgt	420
tgacgaagag	agcaacgaag	taatattcaa	agaagaatat	gaagctctcg	ttcgcgacag	480
caataaggaa	gtcgaaggaca	caggaaaagg	agaaccagac	caggaacaac	ccacatcaca	540
agataaagga	gaggataagg	caagtactgc	gcaagaagtg	cccatatcaa	aacagaacat	600
ggcagagata	ggaggacct	agaagcgaaa	gcaggcgaa	gttattggcg	aagaagagcc	660
ttcagcagag	aaagaagaaa	cactgcy				687

<210> 6207

<211> 224

<212> DNA

<213> *Aspergillus oryzae*

<400> 6207

aagggatttt	gataccaaaag	aggatgacaa	gcagcgccg	aaggataaga	agaaagcggg	60
attcgactgt	gcgatatgca	tgcaggaaat	tgagggtgcc	gttctcgccg	cgcccggtgg	120
tgctggaggc	agcagcatga	cagatggagc	cacgagtatc	cttagccgtc	gggcgtatat	180
ggtcactcct	tgtcgacata	tctttcacag	cacatgctta	gaga		224

<210> 6208

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 6208

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cctgggtacag	ctccagcttg	ctgggtgccca	ggatagcaca	gctaccagca	atacttctag	120
ctccaccaca	agtacagcaa	tgggcaccgc	gagcccgcta	gctgtacaaa	cagttgatgt	180
tggtgaacat	ggcttcagct	tcgaccctga	tactcttaaa	gttgctccag	gcggcaaagt	240
tgagttccac	ttttatcctg	gtaaccattc	agtggcgag	gcctctttta	gcaagccatg	300
tcaccctatg	aatgatagca	gttttttctc	tggattttat	gcgccaacta	ctggtgaatc	360
ggacactgtc	ttcacggtca	ctgtgaatga	cacaaaacct	atttggtatt	actgtggcca	420
ggtcgggtcat	tgccaggcgg	gtatggttgg	ggtgataaac	ccaccggcct	ccggctcaga	480
cacttttagag	gcattttaa	cggcagcctc	gaatgcaaat	ggagacagcg	tgccatccaa	540
ggtccaaggt	ggtactctca	gtacatcgag	ccccaaatcc	tcctcgacct	ctaccagtga	600
gacgagcact	cacagtagca	cagccaccac	gagcgcgcta	cccactacca	ccaatagccc	660
aagccctacc	gnca					674

<210> 6209

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 6209

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cggacgcaa	ctgcctgctg	aacgaggcta	caacaccacc	ggatccgaca	acccatacgt	180
tccaaccccc	ccaggcggcg	gatcgacagg	aagcgccgag	aacttgcggc	cccagactc	240
ttacggttcg	aacgtttgat	tgggtgccgc	tgccgctccc	gcaggccagc	tgacccccgg	300
tggtctccat	ccgtcccaac	gcagtttatt	tgatagtccg	tatcagggtg	tgggagctat	360
ggatgcgggc	ccatatcaac	gacagtcgcg	ctacagtgtc	gcgggcgact	atccccctgt	420
cataaacctc	gatgagatcg	ccgatgatgg	ggatgatggc	ttcacgcctg	tcccgaatgg	480
caagtctgcg	aattctaatg	caagagcaat	tccggcagcc	gccgctgggg	gagctgccgg	540
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tgccangggc	aggattggga	ggttggaaaa	aagaaccgtg	ggtcaaacct	acaccccggg	660
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<210> 6210

<211> 524

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(524)

<223> n = A,T,C or G

<400> 6210

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gtccgctact	gcattggcgg	gatctttgtt	cggactcgga	gacgttggcg	ggcttcggaa	180
attgtttcaa	gacgaatttc	gtccgggcgg	cggtaatgaa	tttgccgaca	ttgttgcccta	240

tggttagtga	ggaggtctgt	cgggagcagt	atgaatatct	taagaccgac	aggttggtgg	300
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tatactcgat	ggacctttag	atattcctgg	acatgttgca	aacgatgttt	gatatcacgg	480
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<210> 6211

<211> 815

<212> DNA

<213> *Aspergillus oryzae*

<400> 6211

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cgtggaacc	ccaccactaa	gggttctagg	tcgagggata	gccccgcgtc	agacgtacag	180
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aagtcctcac	ttcgatatcc	tgagcggcat	tccactagat	ccccgcaagc	gtccttaaga	360
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gggcgcaaag	tgccgacggg	tcgcacagca	gtcggcagag	gaagccgtca	acgccgccgc	720
cgttcttaga	ttctgaagtt	tcccagtggt	gtgctccttg	ttgatgtcta	gtgggaatta	780
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<210> 6212

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6212

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aaggaatatt	tcgacgagaa	caagaatggg	aggagactt	actatggtcc	cgaatcttat	180
cacgacgttg	actatatcta	cgattcggct	actggagatt	actacgacag	tgtcccagca	240
ccgtttgctg	agccaataca	ccgtcgggct	atgacccctc	ctccgcgcct	ccccccgcgg	300
tttcaagggg	gaggtagaca	tatgccttcg	ggctctatcg	gtggcttttag	cgatcgaatc	360
aactccccag	gcccacgtgc	cttctcatca	gcttcgtgga	ggctgccagg	tgccccgaaa	420
atccgcaagc	ctgcaccttc	accagcccca	ctccagcttc	tacctacacc	ccacatgttg	480
aaagatgact	ctataatggg	agctatcgac	tacgcccccg	ggaaaagtta	tagagaccag	540
agggaaggcc	gtccggagac	acctcttgga	agggttggaac	cgttcagttc	accgatgcca	600
gccccactc	cacttgcttc	aatttttaat	agaactggtg	gcataccgag	cccccatgca	660
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<210> 6213

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(670)

<223> n = A,T,C or G

<400> 6213

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agcgaaaagc	accccgacta	cgacattact	gtccttggtc	gagaggccga	caagggcgca	180

aagatctccc	aggcttacc	taaagtccgc	gtcgtgcagg	gagagcttga	ttcggctgta	240
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aaaggtgcgg	aggcagtctt	ccgaggattg	actagctcca	agcgcacgaa	gccaggctac	360
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gcactttcac	caaagacaga	cgtcggctat	cctctcatca	tctacggtcg	cgggagaggg	600
cccatacgc	agcgaagtgt	gcacatcccc	gaactcggac	gctttaccct	ccataacaga	660
tccgataccn						670

<210> 6214

<211> 1093

<212> DNA

<213> *Aspergillus oryzae*

<400> 6214

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tcttgagacc	ggcagtactt	tccgtgctcc	ggatccatat	ggcccatggc	aatgatccc	180
cagcattccc	accgaagacc	tgggtctacat	caaaactacc	aacaccggaa	ctgggagggg	240
agaagttcac	atcgctcgg	gttcatcggg	attcaggact	cgcagccttg	aagtcggaac	300
atcatttgct	tctgaggata	acggaacttg	gcaattaatt	gatgcagacg	gtgacggcag	360
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tgcgctcgca	tcatccaact	atcagacacg	tatcttgga	actggaacca	ctttttacc	480
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tccggatacg	ggaactggaa	aagtcgaggt	gcatgttgcg	tccggctcgt	ccacttacaa	780
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<210> 6215

<211> 905

<212> DNA

<213> *Aspergillus oryzae*

<400> 6215

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<210> 6216

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<220>
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<222> (1) ... (678)
<223> n = A,T,C or G
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gcgcatgccg	tcgtcgtcct	tgtcgataag	cccagtatgg	tggccagtg	gaaagcgccc		480
aagaaagcan	gcaaaaggaa	ggatggggaa	attgtttggg	gcgaaggcct	cgaggaccgt		540
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<220>
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<222> (1) ... (1171)
<223> n = A,T,C or G
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- 2200 -



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tcccgattgt	tgtctcttcc	actaccacgg	cttctccctt	ttcctctacc	ctcgtgcttt	300
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cagtggatta	tagaaagtga	atccagagcg	gttgattcga	ttctagaata	cggctatgta	960
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<210> 6219  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <222> (1)...(630)  
 <223> n = A,T,C or G

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cccattggctc	atggatgaat	tttcccagct	gtgggagacg	ccgttctcgc	ccacggaccg	420
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gctgtatatg	gcgaaccaca	acctcaacat	ccagatggac	gtgctgaatc	tcgacctgct	540
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<210> 6220  
 <211> 707  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

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gatcgcgagg tgagcggttg ggataagatg ttttgatatc ggtgtttgat gtggtggtaa      600
tggtgtngca tggttcggcg tatacctaata ctgtctatct cgaagtgcct agcacttcgt      660
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<210> 6221

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 6221

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tacaggcact tgaggcagga gggggagtct ggaaacaggt tgttttagaa gtttgctgat      180
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<210> 6222

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(691)

<223> n = A,T,C or G

<400> 6222

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ctcatccgac ctacacctcg atcctctcct ccccgaccaa atctacctca tcccaaactt      240
cttcaccgca aacctctgca aaacctacgt ctcatctctc tctccctgct ccctaaccac      300
taccctctggg aagccgaaaa agggcgatgc cgttcgcgtc aacgatcggt tccagatcca      360
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<210> 6223

<211> 1213

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
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 <223> n = A,T,C or G

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 tatgaggcta ttcaaaaaga acgagtcact gttggagatg tcatctacat cgaagcgaac 240  
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 gacgtgacgc tacatgacct ggacatggcc aacgctcggc cacaagggtg acaggacgtt 420  
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 cgggcacttg aatcctcaat ctccccatt gttatcctcg cctccaaccg cggccacact 660  
 gtcatccgcg gcaccgacga catcagcgcc gcacacggca ttccctctga cctcctcgct 720  
 cgectcctca tcatccccac ccacccttac tcttccgacg agatcaagac catcattcgc 780  
 cttcgcgcca agacagaagg tctcaacatt accgatcccg cctcgcacaa gatctccgag 840  
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<210> 6224  
 <211> 767  
 <212> DNA  
 <213> *Aspergillus oryzae*

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 aaaagaaaca aaaaaaatga cagtccaatc aacccccac ctgcagccc tccaacgcga 180  
 cggcttcgtg gtggtccgct ccactcctc ccccgagaa gtgcgccaat tccgtaccgt 240  
 atcaacaaaa gccaccacac tcacccgaac aggccactgg cctcacttcc gcaccgtccc 300  
 gaagcaattc ccgccctggc cgaccacacc ccctcccgc tccgagggcg gcactctggg 360  
 cgtgcagcac ctccctccacc cctcgatgcc gggccgcgcc gaattcgcgc gcttttactt 420  
 ctccgagaaa gtgctcgcg tggccgagga gctgctcggc gtgacgcgca ccgagggcaa 480  
 cgaggaggag cctctgggta tggaaactatt caatctactg gttgcgccc agacgaagga 540  
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 gaagttgttg gagtcgaaga gtccgcaagg aaagcaaagt catgcgcagt ataatttggc 660  
 actttgtcct gatgcgtcgc tgaatgttgt tccgggggtc gcacgcagcg gtgaggactg 720  
 gagcgggaaa gaatgctggg ccttatttagc cggatatgcc gggttac 767

<210> 6225  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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actcgaagcg	ttgagtgagc	ttcttcanag	aatgagatca	ggaagtctac	acaggaactt	1140
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<210> 6234

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 6234

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tcaaccgaa	acccaaccgc	agaccatcg	gtcaagccca	gagcctggta	ggtcgcttct	300
acgtgatcaa	atatctgttg	catcagctgt	ttatacagag	ccagatactc	cgtctgatat	360
gagttgctat	acgccggagc	ccgatgctag	agatagaagt	tcgactttgt	ctcccttgcc	420
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cgcaggtcac	gacaagctta	agatagaaca	aactcctgct	tcagagattg	atgatactca	600
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tgatgtgtca	tgggaang					677

<210> 6235

<211> 748

<212> DNA

<213> *Aspergillus oryzae*

<400> 6235

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ccctcttacc	ctcggtatcg	agaccactgg	cggtgtcatg	actaagetca	tccccgtaa	480
caccgttatc	cctactcgca	agtcccagat	cttctccacc	gccgctgata	atcagcctac	540
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caagttcgag	cttaccagca	ttcccccgcg	tccccgtggg	gttccccaga	tagaggtctc	660
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<210> 6236

<211> 713

<212> DNA

<213> *Aspergillus oryzae*

<400> 6236

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cctgtcagaa aaccaaaaga gaaaaaaga aagaaaaaa aagggagaa caagttactc      720
ttgttgctcg cggctctgcg tcgctagctg gatttttctt ttgttgattc gctcgaaaca      780
ccggacaaat tggcggcagg gaaggaaaag acatgatatt taccttaacg ttgtaattcc      840
tcggattatc agatgggtct cagcacttct acattgcaac tcttcggaa attggtcgtt      900
atctcgctag tcagcttggt cgccttggtg cgtcttattc aacattttct acgtaacgac      960
tgttcgatct gtatc

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<210> 6240
<211> 616
<212> DNA
<213> Aspergillus oryzae

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<400> 6240
cgactgttct ttgtatgggt ggaaataact cggttttgtg gtatcttgat tcaagcctac      60
catggcgggc gatatcgagg atccaaacct agcttcggat agcgactggg cctcggcgga      120
tgaggggtcg ctagatgtaa ctacattggc atcgagtgtt ctcaattacg agtacaagaa      180
tggccgacga tatcacgctt accgctcagg cgcataattt atgccaaacg acgaggagga      240
gcaggaccgc atggacctcc tccatcacat atacaccctg attctcgatg gcgagctgca      300
tatggcgccg atcaagtcct atccagagcg agtcttggtt ttgggaacgg gaaccgggat      360
ttgggcgatg gattttgctg atcagtataa atccgcggaa gtgttaggaa acgatctcag      420
tcccattcaa ccaagctgga tcccccaaa tctccaattt gaaatcgatg actacgaagc      480
agactgggtc tattcacggc ccttcgacta catccacggt cgcgagctag caggcgtgt      540
cagtaacttc gaccgactct tccgacaagc ctttaacatc ctaaaaccgg ggggataccc      600
tgagatgcaa acttcg

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<210> 6241
<211> 655
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(655)
<223> n = A,T,C or G

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<400> 6241
cctctgcggc ttcacccttt tcttgtctct taccctcaac cgcacctaca ccatgatcct      60
tgaggttctt cgccttgaag acaaggtaaa gatcctcgag ggcgacaaga aggctggtgg      120
aaaggattcg gcccgcttg cggaggctgg aaacgcgggc gagatcggac gtctgaagaa      180
ggagctcgat gcgaaggacc gtgacattga gaccctgaag aagcagtgtg agggctcttac      240
ccgcgaatac cacagtctgg gtgacaaggt tgccggtaag accgatgatg acactaagaa      300
ggatctgtga attcaatcgt ggagtccaaa cttggaaagg aattctgtgt tgtctcaagt      360
ggaagtattc catgagatag ggcaggatct ccgagcagct cttatggtat caaaatgatg      420
ttcgtggaaa tcaagcgtcc cgttactac tcgctttcag ttgtgataac acaagtgaag      480
agcagtgcag caaagcagta agtcaatgag catgtgtggt ggatttatgg ttcctgctt      540
tcacggatat ggtgttggtt tgttcgagg gatattcaaa cgcgtggtga caaggaaggt      600
gtatacacat tgtgagatat tgattcccta gtggttgaca tatcanacaa aaacg      655

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<210> 6242  
 <211> 1077  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1077)  
 <223> n = A,T,C or G

<400> 6242  
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 catatcaacc tcaattcaca atgccttcca tcggtggctc tactttctcag ttccctcctt 180  
 gccctggctc tcctcccaag ggtccgcttc ctctcttcc caagtaaacc ttgggctttg 240  
 tgatgaaatg acgaccgggc gtactcgagc gggtcattca ccccgctcgtg cgaaagcatc 300  
 aacacgaacc gactcgtgac gctcacgaaa cggcgttgca tttggcatat ggatatcacg 360  
 attttcgatt, tcggaactgc aaaatggctt tgatctaccc cgaacgcatt ctcatataca 420  
 acctttattc gacgttatct tctcttatct tcttcgcttc taccatttctg gattttttcac 480  
 tccattggga tctcaactgg cttcagatag gagctgcgcg atgacgttac ttgcgggagt 540  
 ttatctttct tcacactcgc attctacgga caggcgccgc cgccacgctt ttttcttctt 600  
 ctttcttctt gcaacggcgc tttggcattg cgacatcagg ccaccagtga tgcattgcgg 660  
 catttgattt gaccaacggc gtcattgcaag gcaggcacct gacaacacaa atgatatcaa 720  
 agttatcggg gttcgcgac tcctccacca cgttgctact tatctctcac atcgggtggtt 780  
 tccaacggct cgttatcggc acaaaccgcg caaagctatg ggacaccagg ggggcgtttg 840  
 gaggttana gcctgacaac atctcacctt tcagccaacc aaacgtcgtt acgaagcatg 900  
 ggatttacct gaccattcgc gatgtcaaag cgttattgga actccccatt ttgatttgcg 960  
 gggacttttt ctcgaagctt atttaatcat gggctctttt tcttttcttg accatctctt 1020  
 ggttattacc tttttctttt ctccctctct ttttttttta aggggggctt taatttt 1077

<210> 6243  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(663)  
 <223> n = A,T,C or G

<400> 6243  
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 cgcttcacca tgtcattatt tgtgtcgcct cgtatgggta tatgttctct ttttccggtt 120  
 ctttttttct ttcttataac agcttgccat tccattcttc tggggctcgc tttcgcattg 180  
 atacatttta ttgttggtgt taccttctta tttgtgtttg ccttccctag cctatatggt 240  
 aaactgggga aggcttttct tacttcggga tgtgcgagac actgatccat tgcttgtaga 300  
 tatatttgca ttgatggcac gtctatatat ggctttctgt caccttgccc ttggttcctc 360  
 tatgtttccc ctattgccc tttgtcggga agcctacgaa agacgctagg cattcgcttt 420  
 ttctccttcg atgcaatttc catctgcgcc ttttgcgtct atatatactt ctgttcggtt 480  
 tgggtgcatca aggctcggng catcagtgat ntttctttgt atgtaatgcc cgcattgagga 540  
 ggacacagtg tgggataagg atacacagag cggtcgggtt cattaaagac ccgcaagact 600  
 catgaccatg tcttttctat ttgtgtgagt tgaatgatgg tgaagactta caaacggggc 660  
 ccn 663

<210> 6244  
 <211> 659  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6244

ccttttagct	cgtggctcga	ctcctggagc	acccgctgga	accccaaggt	cttcgccgac	60
cagggatagc	tagtcgtcgc	acccaaccca	accggaagca	gtggcttcgg	cgatgccctc	120
caggacgcca	tccaaaacca	atggggaggc	taccctacg	aagacctcgt	caaaggctgg	180
gaatacgtca	acgagaactt	cgacttcatt	gacaccgaca	acgggtgtcg	cgccgggtgcc	240
agctacggtg	gcttcatgat	caactggatc	caaggcagcg	atctggggccg	caagttcaag	300
gccctggtca	gccacgacgg	cacattcgtc	gcagatgcaa	aggtctcaac	cgaagaactg	360
tggttcatgc	aacacgagtt	caacggcaca	ttctgggata	accgcgaaaa	ctaccgtcgc	420
tgggaccctt	ctgccccga	acggatcctc	aaattcagca	cccccatgct	catcatccac	480
agcgatctgg	actaccgtct	ccccgtctca	gagggtcttt	ctctcttcaa	catcctccaa	540
gaacgcggtg	tccctagtcg	atttcttaac	ttccccgatg	aaaaccactg	ggtccaaaaa	600
aaagaaaaca	gcctggtctt	gcaccaacag	gtcctgggct	ggttgaacaa	atactcagg	659

<210> 6245

<211> 762

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 6245

ngacattgct	ttccgtatac	ggccaaggcg	acgaagtatc	tgccgtcctc	gcgagaaaat	60
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tacaccccga	acttgcacga	gactaccttt	tccccgtcct	tccctggagtc	ttgtcggacc	180
ctaacgagga	gaagcgcaac	cccgatttag	aattggtcaa	aatggtgatg	caggtectta	240
gtcttttcaa	gacgacaagt	ttggagaatc	gacttctacg	tcgcgaactc	ctggccatgt	300
ttgaggtgcg	agagttcagt	aaagaggggtc	gatttgagaa	ccgggctgcc	agcctgaaac	360
ttcccagact	tacctgcagc	gcttgctgct	tgattcgaga	tctagacctg	tgccgcgatg	420
aagatgtcct	cccgatcctt	ggatctgacc	caagcaaggc	cgtgacgaag	ccctggcgct	480
gtcctttctg	tcagacagaa	tatgatagac	tggtcagga	agagatcctt	atcgccagg	540
tccatggact	gatcgttggc	tggcagacac	aggatttaaa	atgctccaaa	tgtggagggc	600
tgaaggttag	cgagttcatg	gagcattggt	cgtgcagtgg	caaattgggtg	gaaaccatgg	660
accgtgcaga	ggcggaaaag	aaacttggag	tgctcaacag	tgtcgcgaag	tttatgggct	720
taagctttng	agaatggttg	gaacgagttc	tagacaaata	tn		762

<210> 6246

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 6246

gagaagccga	agacacctga	gccagctcca	cctccggatc	ctcctgtacc	agaggctgcc	60
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cctaagaaga	aatctgactc	aacaggagca	aaaaagccgc	gaacaagagc	gcccgaaccg	180
ggtgcgtttg	ccatgtggat	ggcgggtggt	aaccgtaggt	tcaacaaagc	tttaaaagtg	240
ggaaaaaagc	ctagagtagt	cctgcaacac	gggcttgctt	ctcgtgttat	gtgataggat	300
ctaagctttt	agctactgcc	tctagtctgc	gcattgcgat	aggtatagcg	tgcatcacta	360
cttttttctg	gctaggccta	aagcttagat	cgcgatggga	agtgaacgca	gaacatgtca	420
atgggttttg	tatgttctgc	gatattctat	gctgattaag	gcagcctgtg	gcgaatgcta	480
gaagtttgaa	cttgatctat	ctaagcttct	ctgggggggc	atggcttttc	ctctcgcata	540
gccgagattg	gtttctcatg	cctcaggggtg	gcattcgcg	cccaaatcca	tttacatttt	600
gtttttgttt	ttagcttccc	cttcccttcc	cttctttgat	agcggngaaa	caaggagcac	660
gggaggcatc	tgtggtatta	aaaaaaagtc	gtggcatgct	tctatcaaaa	aaaaaaaa	718

<210> 6247  
 <211> 685  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6247  
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 cattcttgct cccgatcaaga caaggagtcc ttccgtctgc atcgcgatat catccacacc 120  
 ctcttacttc ctttgtttct gctccaccac caagcctccc gtgtcgccgc tagggcgctg 180  
 cccagccgca aagcagcgga atcggaacgg gcatttcgag gggaagcacg cagtgcgtat 240  
 gcctggcttc agtgtatcct caccgaggag catgattggg acctgaccga acgatgcccc 300  
 gcttgcatcg tctgcacgt cttacattcc gaaccgacta ttcgttttgt agccgtggct 360  
 tgccttctgt ccgaccacct gcaaggtctg gacttgctcc acgggaaaaa tcggttgccc 420  
 agtttcgaat tctggcttga ggcattagaa acagctgttc gcgaggatcc tttctggggc 480  
 catgacctct ggcccgatat tgagtaccgc gcgtgtgctt tgaccgacgg tgtcaagcag 540  
 ctggtgctgc agtgccctgga actccgatct gcgttggtac ggcaaagcca ccaatcccag 600  
 gcatacgatt ccagtgtcca ctttcgtcgt gagtccattgc ggcaatcaaa ccaccaatt 660  
 atgaagccat ctgcccgtac attag 685

<210> 6248  
 <211> 619  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6248  
 cgagggatct ttctctccca atctacctca ttacaaacca aaaaccacca tgtctttcca 60  
 tcaatcttgc gacctcatcc ggatcgaagt ccgtggcgat catactgtcc tccttgccgc 120  
 agctaagaat ggtgatgggg atgaaacagt tcccgcggag attgtccttg acgaacagat 180  
 tggcaacggg gatgggttgg tgcctcgccg gggtgagaat ttcacagaaa ccgctcatga 240  
 aatcgaattg gagttccggg aggacggctc ttggttgact gcattcctca ccgaagtcca 300  
 tggagaagat agagagcgct agggaattaa tctggctgac catattggga atgactgtgg 360  
 ccgacttgta tgggcttaac tggactggag caataatctt gtaaggttca cggcggcagc 420  
 ggacgaggta gcggcagcgg cggcttcgcg tctttctgac gacttccgt ctgtgtcttg 480  
 gcgcttgctt caggcagttt ttaccccgcg cctagagccc gaatggctgc ctgatgccta 540  
 tacggttaga ttctagggac tcaaaacctc aagcgattcg ttctgttcca attccaatat 600  
 attcttcctt tggttcctg 619

<210> 6249  
 <211> 650  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(650)  
 <223> n = A,T,C or G

<400> 6249  
 gccaccatc ccagaccag gtgaagcagg acccagagtt tttccctccc ctgccaaagg 60  
 agcccgctcg gcagcgatcc accaaggaat ccactgaact gcgcaatccc cgggatcatc 120  
 catactattc tttgcctact cacaatgatg gaaagtacta ctgccctttt gccaacggag 180  
 acaagccttg caaccacgct cccaccaccc agaagtgtgc ttatcataaa tatctggatt 240  
 cccacctgaa gccataccgt tgcaaggtgc ctgcctgcat ggatgcccag ttgcaattct 300  
 cttccaatgc atgcctcttc cgccacgagc gcgaagctca tggattccat ggccatggag 360  
 acaaccctca cctttgcctt tttgaaggat gcgaccgttc gattcccgga tatggatttc 420  
 ccgctcggtg gaacctcttt gaccacatga ggcgcgtcca cgattatgct tcttctgacc 480  
 gacccagctc cccagatgct tccccacta cgggccaggc tgctaagaag aaangagccg 540  
 ttggacgcaa gcgtcggtg actggcgttt ctggagcgca gaccatgaag cgcactcgct 600  
 ccaccagtc ccagaccacc cgctcaaaag cggccagcag acctccgcn 650

<210> 6250  
 <211> 529  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(529)  
 <223> n = A,T,C or G

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<400> 6250
cgcccttttc gcaggattct ggagatacag cggaccatga cagcgacctt gactcggctt      60
cggaggcttc cagttatcgt gacaatcatc gcgcaagttt gacatcaagc gaactgttga      120
accgggacac cctggttgct ctcttaacat atcttgtttt ctccctgtgc aacgttgect      180
acaatgcgct cttcccgatc ttctcgagg ctgctcctcc cactgggcga ggtcttacac      240
cctcagaaat tggctcttgc caaggatttt ctggtttcgt aacgatcatc tttcagatct      300
gtatctttgg aaagttgaga gataagatgg gaaatcggtg gtcctatcgc gccggctcnt      360
ttggctttgt ggtttccttt atcctgatgc cttcatttgg ctacaagggg aacgactccg      420
gaggcctgtc tggtaaaacc gcgctcttag ccgctgagct atgcttcgtg ttactggtaa      480
agaacaattg cacttggggg nggaataacc agccccactg gtactattn      529
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<210> 6251  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

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<400> 6251
gtatgctgac aatccggcac gagggagtgc tcggcagagt actcgtgccg caagccgtcg      60
gtccagtttt gcaaaaccga gcttcaatac cccagcgaa aataataaag aggttaactg      120
gggtaatgat acaacattcg atgccaaca gacgcaatct cctggttctt cacttcccac      180
aagccgacta agccgactcg cgtctttacg ggcccaaaga ctgcaaaccg acgatgaacc      240
tgccgagcac cgaagccctc acggccggtc aatatcaaga agcatgacgg atatcagtaa      300
ccaaagctcc gcatatcgtg cacccccgcg ccagcgattt tcccagggat tcgctgcac      360
tcaagcacca cagcctcagc aagaccagac tcccaggtac tcagcacaat ctacgagtc      420
gcagttgccg caaccocgta cgccaactgc ttgcgagtc tgcatccac tgcgcagaac      480
cgtgatgact ccggctacat ctcngtcaac atncaaccgg gtctcgtcgg atggtttgcc      540
ttcgggattc taccocccga aagccacgac gatgcacttt ctccctcgac agatcaattt      600
aaacaggata ttggccatcg gcaactagca gcagtattcc cctatttcgg cgaaacgacc      660
gtttgaaccc ccggagttgg at                                     682
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<210> 6252  
 <211> 701  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(701)  
 <223> n = A,T,C or G

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<400> 6252
ctggcttgct gtcctcgacg ccaatgcaga agagatacaa ctctcagcg tcgggggggag      60
acaactcgga gcggcccaag gctcccacag aggacccgtt acctcacgtt agcgaggagg      120
ccgcggagat aagcaagatc atggacaaga aatgcgatgg cactcccgcg agtccggagt      180
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gtgttcaaac gatgaagcta ttaatatcc aacctttccc gttgaaggaa cggaccaatg 660  
cttggtcctc tttgaaatct 680

<210> 6255  
<211> 682  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(682)  
<223> n = A,T,C or G

<400> 6255  
gtttctcccg tcgcaatagc aacggagcga gcgcccttgcg ctatcgactt acttcactgt 60  
ctacgacaca tacacgcgct acacacccac ataatctgag ccaacatgtc ggccagtcca 120  
gagatcaaac cggtcgagga agaccccggt caagcgcta ccccggcgc cggcgatgac 180  
aaagcccagg gcgtcgagga aacagccgct gccgacttgg acgcagcaga tgaaaaggac 240  
aacgggtccg atgacgagtc gattctgtcg gaggtagaca aggcgcagtt cgaggacttt 300  
gatcctgaaa atgtcgacgt ctaggaccgg ccgcanttgg cgatagatga ggataatctg 360  
aagcttattg gacggcataa acggaaaagg actgaggatg gggagcggcc ccaccaaga 420  
aggagggggg gggggagaaa aaaatccccg gatgaaggaa ttggaggagg ggggttaatc 480  
atccccatat tatcatgaac ttacgggtga gctcacgaga ggtaaagatg ggggtactac 540  
gatgacaaga taaggagagg acgaatgcgt gtaaatacata tatagtatat tcgaatataa 600  
ggagattatg ccgatgctca tcataaggag gatgtgggat gattccgagg atttattgtg 660  
gttgatgttc tctaattgtag cc 682

<210> 6256  
<211> 696  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 6256  
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cgaaccagtc gttcggttggg accaaacctc ctctgcctag tggatccatg ccaaaaccaa 120  
cttcagcagt tgcgcccgtc ggtagcgcaa gcagaacttt tgcagatgag ggaggaaaga 180  
ctcccgacac actttgggca gagagaaaag cgaaggaaac gggacaagct actgcatctg 240  
atgtaccacc attggggcac gaggagccct cgcttcaaac acagcacagc ggcagagccg 300  
agtggaagag ctcatacagc ggtagaacgt ggaccctgt tcagaccaca cacactggaa 360  
agtctctcgg cagcaataca tctcaccagg ctacggaccc tactgcaaac gatgccacgg 420  
caacagagcc tcaagtcgcc caaagtgtca gtgctcttcg agaccaattt gcggacaagt 480  
cacttgatga ctcggtctcc gaggttaggt ccgatgagcc gtgggataca agacgttctg 540  
tacctcttgc ccgcttacca acgggacctg ttgcaccaga agctagccag gagcccgaag 600  
ctaccaagt ggctccgagc ccttctggca agctcggtcc cctacttcaa cccctccagt 660  
acgggaagca ttcgctatcc gtgttgccat gcctgt 696

<210> 6257  
<211> 737  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(737)  
<223> n = A,T,C or G

<400> 6257  
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aaacttgatg cgacatcggt tcccgtagga cctaccctgt ctgctgttgc gaatagtcca 180

aacggtcata	ccactgctcc	cgcagctggc	aaggataaac	agcctgtctc	agctggatct	240
ggggcgctca	acgcaaacac	gacaccaacc	attcctgagg	agcctacagt	tgagaatcct	300
ccacgacgca	aacaggaaca	agataaagag	gaggaacgcc	gcaccaagaa	acttcttgaa	360
gaggaagaga	aggcccgccg	caaacgccaa	gccgagatcg	acaaagaaac	ccgtcgtctt	420
cagagacttt	acggtgagga	agaacagaga	gtccgccact	ccactccgtc	gcttccgcc	480
aggccattac	aatcgctcc	gccatcagag	cggccagctg	ctgctggacg	tggggccccg	540
gctcagcggt	actaccatac	tcaccacccat	tcacctccg	tgcgcgatat	cggacatacg	600
ccgtacctnc	agacccctgg	aggtaatcca	cacaggcagt	cagtagcggt	ccttgcgaca	660
cagccacaac	cagtggcggt	atcaaagccg	caanaatgca	acagaagaag	agtttcttcg	720
gctccagaag	tcatccc					737

<210> 6258

<211> 1257

<212> DNA

<213> *Aspergillus oryzae*

<400> 6258

aacagaagag	attataagga	attaggaaaa	agaaaacatt	ttttcttagt	tcacttccca	60
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attccgggtc	atcggttacg	atactgctat	atatccagcg	acccgcttga	tatctgctat	180
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attttttcaa	tctccttttt	ccaattaaaa	ttcatttggg	attttggaag	ccccctaatt	900
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<210> 6259

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6259

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cctgagtgac	gattctgact	tggaggaaaa	cgactatgaa	cctgcctaca	caccggttcg	180
tcgacgtgcc	ccgtcgccgg	tggccattgt	tcgagagana	gaaatcgagg	aggactacga	240
ctccgactcc	gaactggact	tttgaataga	ataaccgcaa	ggcttggaag	gaactggttt	300
taaccgctcg	gcattaacaa	caaattccgc	ttgacctgcc	gtttgattcc	aagaaggatc	360
cgaaggagga	ttaatggctt	ccttcccccc	ggaaaccaag	gttgaaaatt	ttttttgaaa	420
agcaggccga	acttaccgac	tttcaatggt	cggaaatgga	tttggaggcc	ggtattttact	480
attgaaacac	tctcgaatac	aaatattgtg	ggctctttaa	ccttctctct	gtttgagcaa	540
tgtgtctatg	tgccatccct	ctttgtgaga	accctcctac	actcttgtgt	gtgggttgga	600



gattgggttca	agaacactta	tttttacggg	tttggcgcggt	tgggtctgaa	aaaaaaaaca	660
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<210> 6260  
 <211> 700  
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 <213> *Aspergillus oryzae*

<400> 6260						
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ccaagaacaa	gaaatcaaaa	aagaatgtca	aggacaacaa	gccccaaagat	aaactccaag	180
cccgctcagaa	agctgctaca	gacgatgata	cccccaaagc	atttcgccgg	ttgatgcaat	240
tccagacaca	aggaaagcag	gcgccatcga	aaccaaatac	tggcgagagt	aagaagcgga	300
aaagaggggc	ggaaaacacc	gataatgcga	aacaaactac	gcgcaagaag	tctgcccctg	360
tggcgatagt	ggaccagagt	accgatgtcg	aaccccaagt	gaagccgaag	atccttccgg	420
gagagaagct	gtcagatttc	gcggcgcgag	tagatcgca	aatgcccatt	gctggaatga	480
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aagaacgtga	agctgttgac	cgtgaaaagc	cagaggcata	actggtagac	cattagaatt	660
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<210> 6261  
 <211> 692  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(692)  
 <223> n = A,T,C or G

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atagatccag	tggtaacgaa	acgggcgtag	gaagtcggaa	ttatgggact	ttatgtcgcc	180
catccgccac	ttttgactat	tccgcgaccc	ctgtagactc	aataccacgg	ccatgggacc	240
atcagcgatc	ccgttccggg	cacaggcata	cagagagaca	ggacaaccca	gctggtaccc	300
gacacgaacc	tttacgtata	tcaaacacgg	aactaagaac	caacgtggca	acagaacgcc	360
ttcgacgaca	aagacaggtt	gtcaacgaaa	cacataatcg	aaaccacccg	cggtatcgac	420
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gaattgggtg	gtgtgcacaa	agcagaacat	tgtacgtcgc	gactgtcgat	ggatatattcg	600
aataccagct	taacattgcg	gactcggaac	cattccccgt	tggttaattac	cgctagatca	660
tcattctggt	tcaagggttt	gtttcacaga	ta			692

<210> 6262  
 <211> 637  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6262						
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aaatgggtgg	tcgagcgacc	ggagtaaagg	atgggcgcct	attgagccgg	cagatcagac	180
gacagagacc	atgttcacgg	acagctcctt	tgtgaatata	tttgatcgct	atgtaggcgc	240
tctttgtcct	cactcgtcaa	aggctcgatc	tcgacgaatg	tgggaccgac	accacatatg	300
cataggctgt	attcgacccc	actccatggg	acaatttcct	tcgaactgga	cggtggctac	360
tgatatatgc	caccaacctg	acottgcatc	ctttcacgga	ttctttgtgt	cgctgcacac	420
attcaaggtc	acccaagatc	ttgccccagt	atthagccag	agcacaattt	ctggatttgg	480

cgacatcatt	ttccctagtc	cgtggaacta	cgtggataag	ataaaatacg	agccttctga	540
agagcaccgc	gatctggact	atgtggaaaa	agaaaaccgc	cttttttggg	ttggcggcac	600
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<210> 6263  
 <211> 888  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6263						
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aacaagcgag	acaagtctct	gccgggacta	aaactcgaga	agcaacttgg	gctgcctgtg	180
tgacaggcct	tagcatcagt	tcaattcggg	caaccttatc	gaggtctagc	gacacaagat	240
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cgcattcggt	gtagtggtgc	tcgtcgtggc	ccttcgggtg	gtatatgtcg	gctatccgaa	420
catcgacacag	gacaacatta	acgactcgaa	attggaagtc	aagtcgatgg	ttatcagtga	480
gccgacaccg	aattcggttc	atgtggacca	gcagcaggtc	atctggacgg	atagcgtggt	540
tcaccaaac	atctatagct	ttaacgcaag	tggttggtcta	ctgggcgcag	ctgcattcgg	600
tgtcgcgact	attccgcaac	ttaagtctag	ggacggggtc	gaggtgcatg	tagatcagcg	660
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caccgtgacg	tacaaccaca	ccgtactat	gaaggcgcta	aacaagctta	aaggattctc	840
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<210> 6264  
 <211> 642  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6264						
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acagtgtacg	aagacttaca	gttgtgaagg	aaccgtgcct	cctgtattct	ataatggcag	180
tggcgagtac	ccactgggcc	tgtacccttc	catcggaccg	aaggcgtagc	atagcagcca	240
cacgttttctg	acacaaggcg	acccggatat	accgacaaag	tcttcagcaa	cccatcggcc	300
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ccgagacgac	aagtccgctc	gattcctggg	ttttctcaga	tgacccgato	agtatgaact	420
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acagcatctg	gaatgaacca	tgccaggaat	cgagcaacta	cgaatatgcc	gatgatcacc	540
gagtgggccc	ggaggatctc	gatcccgaac	tggcggactt	atgccatato	acggacacca	600
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<210> 6265  
 <211> 738  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

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caagcaaaaag	cagtcacgca	gattcaatca	ggcgacgaaa	ctccccaggg	ctgaaggcta	180
aagaagctgc	agagcacaaa	cccagttcct	cctccatcac	catccaagaa	gcttcctctc	240
caacaccaga	gcgatgatcaa	ccaaacagca	cccgcgaagc	agcaacagat	gatgccatca	300

gcaagaagcg	ccgagcatat	cccatgctcg	ccctaagccc	agcccagatc	gccataatcg	360
agtcgctcaa	ctccgtggga	ttccgcaa	atcccggtcta	cattcacaat	caccgacata	420
gccatgcagc	gatcatcg	cgggcccca	aaccgggctt	cgacaaaggc	aaagtagtca	480
tcaggcattg	gtcgcatacc	gaatttcaga	tctaaacggg	gacccatcga	aaatgcgggg	540
tgcggaaata	gtcgcattgt	tgcaccccat	cgagtcctcg	tataggcaac	atcgaaagag	600
cacacgggta	ctaataagcg	ttctgaatgg	atccggtagc	tcgcgcttca	acgacgccgg	660
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<210> 6266

<211> 756

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 6266

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ttaattctca	tctttccgtc	tgaacccgct	ccaaaacgcc	tgcatactga	tgcataatcc	180
taacgacaat	cgccaagcaa	tgcgatggta	tcataacttc	tcctcaatcc	aagtatatat	240
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tcgtccagaa	ctcgcgcgac	cttcaccg	ctatcgaa	agaagtcgcc	attcgggtggg	540
tccaccctct	gcgtatccga	tgtgccgacc	acatgtagat	agagccgttt	gtcggcgagg	600
acattggcgt	cgcccttg	agacttcttg	agtgtattca	gctggacagc	ccgcgccgnc	660
ggactattcg	gtttcgggaa	acaacgggta	actatttttt	gcgggcggga	gtcatctgtt	720
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<210> 6267

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6267

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tcttacgctc	tctttccttt	ctttctacct	cggactctct	tcatctcatt	ctgtttctct	180
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gcccgacaa	ccgagaggaa	taccaagaac	aggtcgtgaa	caacccattc	aagggtgtgt	540
tctctggaga	gcctgtcctg	gcgcagcctg	accccaaacc	cagcgacgag	accgacaagg	600
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<210> 6268

<211> 1315

<212> DNA

<213> *Aspergillus oryzae*

<400> 6268

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<210> 6269  
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 <212> DNA  
 <213> *Aspergillus oryzae*

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TCCGGGATAA GCAGGCGGAG GGACATCAGG GGTTCGGGG ATAGGATAAT TCTCCAATGG 180
AGCTGTCGGT ACCCTAGCCA TTGTTCTGCG TTTATTACCA GAACAACAGC AAAAGTATAT 240
ACCAATCGCA AATCCAATAA CGGCAGCCGA AACTTCAATA CCAATGCCCA CCTTTTCACG 300
CTTGACAGA TACCCCTCG GAAGCTTCAG AGACGCAGTC GGGATTGGCA CGATCGTGGA 360
TTCGGCCGCG TTAAAGCGGA TTTGGATCGG GGTGCGGTT ATGGCGTATT CGGTTCTGTG 420
GGTTGTCCGT GTGGCATCGG TCATGGTAAG GGAATCCTA GTGTTCAATG GGCAGGTACA 480
GCGGCCTTGA CGTTACATG CGAAATTGTC TGGACAACAC ATAGCAGTCG TCTCGATACG 540
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CATTTCGAGC TTAGGGATGA TGTATAGAA GGCTCTCGTG CGAATATCGG AACATGAGGC 720
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

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TTCTACCGTG TTAGTGTGGG AATTGCTTTG CAGTCACTGC AGCAGCTCAC TGGCGCCAAT 180
TTCCTCTTCT ACTATGGTAA CACCATCTTC ACTTCTACCG GTCTGAACAA CAGCTACGTC 240
ACCCAGATTA TTCTGGGTGC CGTTAACTTC GGATGACCC TTCTGGTCT CTATGTTGTT 300
GAGCACTTCG GCCGCTGTA TAGTCTGATG GTCGGTGCCT CCTGGATGTT TATCTGCTTT 360

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atgatctggg	cctccattgg	tcacttcgcc	ttggacttgg	agaacctcc	caacaccct	420
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tggggaccta	ttgtgtgggc	tatctgtggt	gagatgtacc	ctgctcgcta	ccgtgctgtc	540
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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gggaaaagct	caaaacaatt	tgctcacggg	ctccgtgggt	tctgtcttta	cacaatactc	900
tcacctcttc	gcagcgctgt	gatctttgac	gatcaagagc	gactggggcc	ttcattttcg	960
accaaatcag	catttgtata	tagaaagatc	accaccagt	gtaaatacac	tcgagaatta	1020
ggccttttac	t					1031

<210> 6272  
 <211> 552  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(552)  
 <223> n = A,T,C or G

<400> 6272						
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acctgctcga	agacgaagat	taccgcctgc	tctgtcgcca	aacatgtcat	tctttcgag	120
tcgagatcct	gcagcaccga	ttctcttttg	tcggactgct	tgatgcaatt	gccggactgg	180
aagctgggtc	acggaacttc	acaggcggtc	tttctacaac	gcttcttctc	cagaccgggc	240
ccgatcttc	agacagcctt	agcagcggtg	ccgacgagcc	aacatccgtg	cgcgagctca	300
ttgtgcagag	acttcgtgca	gaagccgggc	aggcgatctc	cacctcaaca	accaccgttt	360
ccctcattga	catccggcct	tcccacgtgg	gagacttcgt	cggtaatcag	tcattctggc	420
tgcggactcg	gaataagcta	tacaaagatt	tgaagccgac	cgaaccggcg	aaaaattata	480
tacttgatg	cgaaggtggt	agttgcaaga	tggtggatct	atgatgctgc	aggggtttgc	540
tactgcgacc	ga					552

<210> 6273

<211> 670  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6273  
 cattttatgct tagctcgaat gcagatggcc aaccaggcag catgggtcaa ctatttttacg 60  
 agaacgataa tccctacagt agcgaagtgg ggaaccacca ctccaacggg attgttgtct 120  
 taatctcatt ctgctgtgca cttggcgctg tgttcttgat tgtcatcgcc ggggttatct 180  
 tcaataagat ccagcggcgt cgtcagggct acatgccggg accgcaggcg tacgggaccg 240  
 atcgggtcttc gagcatgcgg cggctgcctc cggagtacct gttcagcact ctgaaatcac 300  
 tgaacccggg cagcccgggc atctgaacgc ctgagtgcg atccgtccat cgcatcgc 360  
 ctaaattgga cttctttttg accactcaga ccggcgcttct tgggcagaaa accgtcttat 420  
 acccgtaatt taatcctggt ttacgttttg catctctact attctagtgt tacctctccg 480  
 ggttatcccg gacgatgcgc tgttcacttc ttttgccctg aggtgcttcg acatcctcgc 540  
 gtgtttgatc tctacctttg acccgacctg gacttgtcta tataaacctt ggtcggccgc 600  
 gtcgtttctt ttcatgaacc cccttggttg ttgatgtttg gaccatagtc tttccctgac 660  
 accaggaggg 670

<210> 6274  
 <211> 638  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(638)  
 <223> n = A,T,C or G

<400> 6274  
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 acaacgcaat gaccaataac actagcaatg agacgacact cccatccaag accaacagac 120  
 ctaacaaacg gccaaacatt gacgagcgct ctgtcaacga acggggccaat aaacaggcta 180  
 ggacagccga gagagattcg acctatgtgc ctgaggaaga ccagaatct ccggataacg 240  
 gagatattca tgaggatggc tcatcgagcc ccatgcatgg tcgaacgaga agttcgggtga 300  
 actccttggc aaagcttaga gcccacacag tcgcaacaca gccgatatct caaagttcca 360  
 gaaataccac aagcttacag acaagtgcac cggataaaac agcttcggag tccccctagcc 420  
 aggctaaaca aaccaggggc actgagaggg tcatgggctc tgctcacaat aacaagcctg 480  
 tgccgaccac tacagcgatg cagggtatca gtctgcccaa agccaatcca ggcaattccc 540  
 cttctaaagc ttcgcagccg gagcgggcca gtgcgcanat agaatgcatg agttttggca 600  
 cggcgcacga actatttgcc agcttggtga aaaccatt 638

<210> 6275  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 6275  
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 acgccgggct gcatgggctc ctattgcccc catcaccggc atcgctcgtc cgtccagtc 120  
 agctcttcca gtttctctta atacctctt aggcgcggca cagcatgtcc gtcagcgccg 180  
 ttactcctca tcttcttctt caaagcccag cgacgggtcc agaaaagtcg acgcttcttc 240  
 tcagaccccc gcaaagggcy tgaatgcaag cgaaaagcgt gagggtaagg cttccagacg 300  
 aaggggaaaa gatagcagtg gccgcaacgg ctccaagtcg aaccagcata cggctcttct 360  
 gagactgcct agcgttccct ccacccaaca ctttcaacct catgatgttc atgtagcttc 420  
 attcttttct atccatcgac ctatctccgt ttcgaccact gttcctctct cttctagccc 480

tgaagcattt gatgccatat tcaccgcaa gaaatccacg aaacatgaat cggatgatgt	540
gattttcact ctatcctcta ccgtcaactc catggagaac cctgcctatc acctagggtga	600
acaagaaggc tctctgaacc acttcgatat ggagggtaac cagctcgacg gaatgaacat	660
gggcggaact gaang	675

<210> 6276  
 <211> 684  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 6276		
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tcaatcagga tgcagttgtg gaatactgtc ctccagctca gtttgctggc ttttactgcc	120	
gccccgaccg cagcggcatc cgcgtggggg tttactgatg ccaccgtgtc agttcaaacc	180	
aagggcgctg gaggcggttc tggattgaag gaaaatatcc ccgacaacaa ggccctcacc	240	
aagcccgtct ccctcggaag tgccgacacc ttgaagggtga ctctcacagc ccgcgaaggc	300	
agctccgga aacgcgcgca ccagggttttc ctctctctcc aagaccgga gaccggacta	360	
gacatctctt atcccttcaa tgtgaaggaa aatggcaaat cgagggttga gctgactcaa	420	
aaggaccttc ctgttcaatt tctctccttg gctgagcctc tcgacgcana gctcttgatc	480	
gggtcttttg gcagcgcgga ggcctacaat ggcgctgcgt tcaagttggc cgttaccg	540	
aacccgatc agccagtccc gacagttgag gtctcgagat acggaaagct tcctgagatc	600	
caccacattn tcaaggagga tgcccgaaagc ccaccgattg tcatcactct cgcgtttgtg	660	
gcaatggtgc ttggcacttc tccc	684	

<210> 6277  
 <211> 670  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 6277		
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tatgggtcac gcaactccgtc aatgaactcg cggatcatcat tcaccgatct atctgatgct	120	
gacccatttg acgacgcctc tcgcgagag cgcaaggagc atcggcggag ctggagggtt	180	
cctcggtctg caaaacggag taatgagcaa attggactcg gactagggtc cccgccgctc	240	
ttggcttcta acccaggagc tgaccgcagt acaagctcgt ttggcagctg gcatcactcc	300	
agcaaaagct cgcggtctga tctccagcag tttgccagcg agcattcgtt tcagccgctc	360	
agcctggacg ctgaagtga caacaatggg aaggactcgt ccgagccgga gaagcgcagc	420	
ttgtttggaa agttcaaggc caagggttgcg cagggttcggg acggagtcat ggacaccgaa	480	
agggaccgga caaggagtcc tcccgtacat tcagacgcag agaaatctgt ctcaagccag	540	
acgtctctc ccgccctaa ggaaagcagt cacgtgcgac ctgctccgnc ggcgccaatt	600	
gatgtgacaa gagagctcca ggaaatcaac agcacgccag tgtctcctct ccctgggtca	660	
ggtatgccgg	670	

<210> 6278  
 <211> 649  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6278		
gtgacctaaa tcagtatgtc gtgctattcg ctccatttag gcaggatatc ttccaacttt	60	





tatcaaccca	gcccattggac	ggattatgaa	aaacaaaatc	ggggtagcat	tgaagaacaa	420
accgttccag	actacaccca	aagggagtag	gcagggacgg	cttgtcactc	gagactatga	480
gaaggagatc	gaggatattt	atacaaaaaca	ggacgatgga	tttacggaat	atcaaatacc	540
agatacggct	gatttgtctg	gcattcagga	atttgtccga	aatgtgggtt	cagacgctct	600
cgggttctcc	tctttctcag	accagacaga	cttttatagt	ttgggggttc	gattcctttgc	660
agacaatgca	gcttaacccg	actttttcag	ggctaaaatg	gtcggg		706

<210> 6282

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 6282

ctcccttata	tccctttata	aatgacacga	acattttctgc	tgagagtatc	cgcgagaaac	60
aaaagacaaa	caaccgaagg	cctcataaaa	cgccgtaagc	tatcaaaagt	ccacccatgg	120
gtcaacggta	tcgtacgggt	agagatttca	ttataaccaa	gatagcaatc	atgaaagggg	180
aatatagtga	ttgaggatac	acggagagga	atgcaagaga	ggtagtttgt	tggtttgttg	240
attgagatat	acagcattgg	ggagatgggc	gaggctcagc	cagtccgtgc	agcctgtaca	300
gggttgacca	tcgcttgagg	ttggggcgca	tatacacgct	gtcgtttggc	gagattgggg	360
ttctcggcag	cactggccat	gtcggagacc	tgccgtcgtg	gttgcgcccg	cgctgcagct	420
gcagccgcag	ccgtgagcgc	cacaggagcg	gtcggatact	gcacccattt	ttggtctacc	480
gcatatgcag	cggcagtagc	aggagttgca	ggtacgtatt	ggccttgtag	ctgctgcagg	540
ttagggtgaa	ccgcggccat	gccctgnaat	tgcccggttg	tttgccaatt	gtttatggac	600
gtaactggcg	actggctggg	agaactatcc	tctttgacag	actgggctgc	cgagctctgc	660
gcagccattg	taaccgcgcg	c				681

<210> 6283

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

<400> 6283

cgactggaca	tatcttgtct	ataatacgcg	actattttgcc	actgtcaacg	cttccgagaa	60
ctatatctcc	cacactatct	tcctttccaa	acccaatata	cttcccgcgc	aacaaactcc	120
ccacactttc	gggacattca	cagcgtcatc	gatctgggtt	gccacttgca	ataattcagt	180
ggttcacttc	aaccttacgc	cattcaccac	tccagatcta	aagattcact	tgtgattgcc	240
attgtcagac	taataatata	cacgatacct	cgattacgac	gactttctgc	tgctctctcc	300
acctgcgacg	ttattttatc	atctttctct	ccctccacca	ctcttgaaca	acaaccacaa	360
cttgatatct	cgtgatctga	ccgaaacgtt	aacatggcta	ctcacgttct	caccgccacc	420
acaactcctg	ccaacccgat	ctcgggtgat	ggcaacccgt	cccgggtgaa	caccgccagt	480
aactctccta	cttccccccg	tcagcagtat	ctgcccttgc	agaccggtca	actgcgtcca	540
cccaagggac	ctctctatgt	tcccgtgcc	ctgcgcccga	ccgagcgccc	tcagaaggct	600
tctctctctt	ccccccctcg	cagtgttcat	ggttccctcg	acagctcgaa	tgacggcagc	660
gaggaacccc	agccggcctt	gaccgctcgt	tccaccatcg	agagtgcggt	gagcgatgga	720
atcagcaagt	tagcccagga	tgaatggatg	aaacatgac			759

<210> 6284

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 6284  
gttcgacaac agggtttcggt caccggcatc tcagccagtt cectgtcgcc gcttatcgaa 60  
aaattcagaa cactctccgt cccgtcacga gcatgcaaca ttgagcaaaa acaagccgaa 120  
taaagacgac gcaggacgtg attctccgct catggatgga gcaggttgct cttcagagaa 180  
aggaccgaa tttgatactt cgggtcgggt tccttccctc gaaacacagg ggaaagactc 240  
tagtgaatta aatcaagcac actctggcag agttccaagc tacccaaggg catatagcgc 300  
agcacaggac cattcacgc catctggctc ctcccacggg cccaagtctt tgtcctcgca 360  
aactcgagc tcaaatatct cgctattatc ggctccact cgtcctcgcg gagggccgag 420  
cttcaaggaa aacgtttgga cgggtgctcc cgcccgccgt gggcccatgt cagctgggtc 480  
ctatgggccc cgcactggcc cgcgcagcgg ccatactctg atgccagggc ctggtgtgga 540  
taccatcgt cattctactt accggcaagg gagtgtacg ggagtctctt atcctcgcac 600  
cccaggtac atgaatcacc ttacgggcct tncctcgatt atatcaaggg ggagattgcc 660  
tncatctgac ctanatgccc tcacg 685

<210> 6285

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 6285  
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tccatgttat tttactaagc gatactcacg acgcaaaact aaagagccgc ggctcaccga 120  
gcaacgctct cccccagga tcagggcctg gcagacgtgt agatgggttcg tatctgcatt 180  
tcaattttct gtgttgccct gattagcgaa ggtctatttt accattgtgg tataatatac 240  
tgacgggact ctcttactct gtacagcacc agaaccgtct accttctccg tcctgaactg 300  
gttttctttt cttcttctct tatttcgtta tgccgtcttt cttcgcgcca ggccttcaag 360  
gcctaccacc cactcccccc cacaatcatga gcggtggcag aatggactcc gagcaccat 420  
tttacgtggt tggccactcc gcctttcccc ctgcgtactc gcagagcggg tgtgaattta 480  
ttgagcagta ctcccaatcg tcctgctact ccaagcccgc cccgatgaac atgcaccctg 540  
cgtcgatgcg cagtggcaga gatatggcca tgatgaacca gcccatgttc ggtccgatgc 600  
ctactcgaa tgtgctgcct ncccttcgaa acaacgtcca gttacccctt atggacagcg 660  
cgatcccgcc tcagtaccgn cgacaagaca tcat 694

<210> 6286

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 6286  
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cacttcgggg atcagttcag caactgatta agtacactcg ggtctcaaat tgggttgaaa 120  
gccttcgcc acccgagag atggaccctt taccaacgaa attcggcatt cttcattga 180  
gctggtgccc gcctttctcg agtcaccagt cattttcca taccagctct ccgagccaat 240  
caccggtgct caacgagatc tctatgtacc gtcagcgggc gggcgctcct cgtggcattc 300  
atctcgacc gtctaactc cctcctaca gaggcagcc tacggagcaa caggagaggc 360  
cgaaactctc cccattaacc aatggtgccg ttcaacctca ggcttctcca ggcgttgtcc 420  
ctgagacatc tcacaactc caggccggca acaaacgacc tcgtgacgac gatgacaacg 480  
atgacgcagc ccatgatcgt cccgctcatc gtctccgtca agacgagccc agccatccat 540  
cggccaccat aactctgaac caggaatctg ctttgaacgg cacgacagcc gtagacagtt 600

ctgtcgagaa	cacgtttggc	anactctggg	agcgagttgc	accactcttc	aaggatcctg	660
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gaaattggac	cgctcta					737

<210> 6287  
 <211> 647  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(647)  
 <223> n = A,T,C or G

<400> 6287						
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gcgcaatgga	agagtcgctc	gtcgagagcc	ggtgaactac	ggtcccaagc	tcacggagaa	180
agagagggag	gagcagaacc	gcaagcagta	tccgaatatg	ttcccgcgcg	agggcacggg	240
tatgtataag	tttttgacga	atcgggtggat	tcataatctg	attgctatga	gcgtacttac	300
gactttggct	acgtttactt	tcactacgaa	ctttaagcgc	tcgtcgccgt	ttgcgcactt	360
gcttccgctc	tggtcggatc	ttctttggca	ccccgttgat	accgtttctc	aggcgttgct	420
tgttntacgc	atgcatgtgc	agcatacctc	ctgagcagac	atggagaagc	ggcgttatcg	480
atcgaggatg	cngagatgag	actgcagtac	cgggttgctc	atgggcttga	ggagctcgct	540
gaaagcaggg	cagactgaga	ctgaggtggg	gatgatcagc	tcctagctg	cgatcggaga	600
caagcaggag	gtggggatat	gtgattggag	ggaagaaaga	ctgtaaa		647

<210> 6288  
 <211> 613  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6288						
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caaagccacc	ttgctggccc	tccaggtatg	gtgccacagg	gtcaaataca	acctaattgt	120
ggccagggca	cgagcgctag	tgctagcccc	aatgttagtc	ataaacgacg	ccgggcaagt	180
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ccaaagacgg	taaaagccag	cccacgtgtg	ggtggtaaaa	gacagaaagg	cactgctaata	300
tagaggagtt	attgcaatgg	gctttgttcg	cacttttttc	ttttttcttt	tcttttcttt	360
ttttttttta	catttttcatt	tctctcaaga	gacgggggaa	tggcgtaccg	tttttgata	420
ccttttgoga	tgctgatctt	ctcttttttc	tggggccctt	atccattgaa	catatcggt	480
tatcgttgtc	attgcaatta	tgcgcggtct	tttgtcggtg	tagtgtgatg	gatacgggat	540
ggctgttcgt	tacgattttc	gttgggcggtg	cgaggcaccc	gcctccttga	agtctaaatc	600
gcctactacg	aat					613

<210> 6289  
 <211> 752  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 6289						
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gcttaatcca	tccacattga	ttacccaaat	tttgacacaa	catgaatcca	gtcttgcgct	120
ctcgtctccat	actgagggtg	gccaatctgt	cgatcccttc	actctaccgt	tcccagaagg	180
tgtctcctat	gtcatggcgg	acttacgctc	atagttccta	tggcggagaa	ggggagactg	240

aagctcaaca	gccgaataat	tctcggaata	ccccaaccg	ggacattgaa	catccagggc	300
catctgcccc	agatgtcagc	aagggctcga	cagcatcttc	aagctctcag	cctcgatctt	360
cttccacttc	ccaagaagat	cgagataagg	aagattcaga	aggcaacgtg	aagtcagatg	420
ttcccaacga	tgtaaaaaag	cataacgaag	agatggagca	ccggtatgat	cgaccctaca	480
atcaactcgg	gaacgaagg	aaacccccga	agggcttttg	agaaaggcca	caagcttggga	540
cgagtgggtg	ggttcgtggc	gatatccctt	atggtcgggt	ggagttggga	aagttactat	600
atgatcgatt	aaatggaacg	agctcagaaa	taaacgcatt	cggaaatgtc	atctggccca	660
ttatgatagt	taggcttcta	gttacgatgt	agacccgagc	gcaataaagt	ttacgcccc	720
gggtcttnga	tatatcctta	aaaaaaaaaa	aa			752

<210> 6290

<211> 632

<212> DNA

<213> *Aspergillus oryzae*

<400> 6290

gaggataaaag	agaattctca	cacgcgctaa	ttttagcaag	acttggcgtg	tattaagact	60
ttcggctaaa	agcaagctcg	cggcggtcga	caagattgag	gatggcaaaa	atctaaagct	120
gctttttgag	gccccacagc	cttcgaagg	cactcccca	gttcttgaag	gcacccctca	180
ggcccatgag	acgatgacga	aagcctcaac	cgagggcgag	tctggtggtt	cggggcatga	240
tcatgggtct	aatagctccg	aacaaggaaa	tgctactgtt	gccaccgaga	aagggttcagc	300
ggactcgaag	gacgcagcag	cagcagcaac	aacaacagac	acatgaagaa	cgccacgcag	360
gcggccagag	aacgcggtat	catgattggc	tctctgtggc	gccggaaaaac	gaacccctac	420
gatcctgatc	gatgctgaat	tcgctacacc	aattgatgat	ttcatgtgct	tgtatgcgtc	480
actgtcaca	cgctatgcgg	gagtcctgca	gtaccgtaaa	atatgaaagg	ggcattagta	540
tgcggactga	gtttttctggg	aagagtgtggg	gcgtgttcct	tatgacgaga	cgtgatggga	600
gattacggcg	ggggatttta	ccccttttga	tg			632

<210> 6291

<211> 1310

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1310)

<223> n = A,T,C or G

<400> 6291

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tctagcaca	tgtaccgcat	ttctggagcg	tgcagcccca	ccgaaagaac	atgctccgta	180
caaccacgca	gactttgcgc	caggtgcagg	ttatgtctcg	tctacgagcc	ctgatcagaa	240
ggaccctcat	ggacggatag	tgctcggtga	tgaagaagat	ggcagtgttg	ttggtgaaat	300
ggaagggtat	gatgtgggtg	agaaacctgg	cgtgaagccc	ggctctaaga	ggcctgtgga	360
ggtagaactt	cctacagaag	gtgaaggtaa	caaagtcagc	gtcagcaacg	tgtctgagga	420
atacttgcag	atggcccggc	accctgcgta	taaggactca	acattgggtcc	aaacttctgc	480
tactgcctct	cgtctgatcg	tgactgggttc	ttcatatggt	gccaatctga	tgaccagtgg	540
ggcggnnaacc	tttactaaga	agacaaacct	aaccgaagcc	aatgacgttc	tctgaggcta	600
ctcactcaag	ggttcgtaaa	ggttggaaat	ctcacgcacg	gtgccgctgg	catctcagcc	660
aagactgtcg	gccaggtcgg	taagggttgca	cagaacttcg	gtgcttcatt	aaccgctcgc	720
aaccgggacg	caaagcgcaa	gggcgacaag	gcagtgaacg	gcgactacaa	gccgggcata	780
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accgtactaa	cccatggctc	tgctgctgcc	agtacgatga	tcggacatcg	gtatggagct	900
gaggctggcg	ctgtggcgag	cgatttgact	gggggcgtga	aaaatgtggg	actagtctac	960
atcgatgcca	caggggtcag	ccgtaaggca	gtcctcaaat	ccgtagctaa	gggtatgggt	1020
gtcggggcgca	tgcgcaacg	acaacaagtt	ctggtcggtg	gtggtgatgg	cgggtgatgtt	1080
ccccgggctg	caggaggccg	gagcaatatc	acctcagggt	cagggtggacg	tggttccggt	1140
gcaagacgtc	catctncgac	ccctacacca	ccgnccgcct	atggtgcgcc	gaacacaacg	1200
tcgctcggag	gaataagcat	gtcaggggga	aagcattaaa	taatgcatga	tatacanggg	1260

attgggggata tttctggact ttggattgtt ttcctttctt cctttggttt

1310

<210> 6292

<211> 575

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(575)

<223> n = A,T,C or G

<400> 6292

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agtagcaaa	ggcttgtcat	tggctttgca	aaggcagagg	atgccgatct	atgggtgtcgg	180
acatccatcc	tgggccagaa	acatggccac	tatgaagtgc	acatcggacg	cggatggaca	240
gacgagcagc	tgaaccaagc	tctccaggtc	caacatcagc	cctacgttcc	gaaaagcaac	300
agccgacctc	agagtataca	gtccaatata	gaacccactc	cgccgtcgag	ttcagggtcg	360
gacaccaata	tgaaatcctc	gtccagtgtc	caaggactat	cgttcccccg	ggacgaatct	420
ccgtcttcca	gtcagtcttc	tgcagcttcg	tatataccgt	cttcactagc	tattggttcc	480
agcaagaata	cgcaacggtc	aaaatctcct	ggtcgtactt	taccgcccgc	attgcttcag	540
ggaacgccta	tnctctgcta	ttcagctcag	gactn			575

<210> 6293

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 6293

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gagtgtacat	gctgcacaaa	gagccgagaa	actcgccgag	tacgagcatg	aagtgcgtag	180
tctccggacc	caggcctcat	atgcttctcg	aaatggctcc	tacatatcat	ctacgtactg	240
caacgaaatg	aaccggtctc	tatcacctcc	ctctaattcg	caaggacgtc	tatcgactct	300
tacattcttt	ctccattccc	acggacctag	caacacatcc	tgcgatccag	acacgcgcgc	360
aacctatcta	ccaacctgcg	tgcgggcaac	ccagcccaga	ccacacagcc	gagctgcaca	420
gtgcgctaga	tgcggaacag	agcctgcgcc	gagcagcaga	atcgcaatta	tcgcatgcca	480
gttccgagct	ggaagagcta	accgcgcaat	tattcattca	ggccaacgaa	atgggtggccc	540
aagaacgcaa	tgcccggtgcg	cggcttgacg	agcgagtaac	ggtggttagaa	cgtcgggacg	600
tcgagaagag	gacccgtctt	gagcgctctg	agaaggcgat	ggaanagggtc	nagcgcatnc	660
gggcactcgn	tggtcantga	ttcgcgccc				689

<210> 6294

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 6294

tttagtttct	atagacgacg	atgagacaag	tgatctggat	aagaaggagg	agaccgcgcc	60
------------	------------	------------	------------	------------	------------	----



<211> 723  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 6297  
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 aagactgttc ctggtcaccg cctcgtgact ggaccctcga aaacgaagag tcagaagacg 120  
 atatctcaaa cagcgacgac cacgacacca tgattcccggt tcttcccgat atcaaaatgc 180  
 tcgacgcgga ggccctcagc gacttgctgg aggataacct ctgcgccccct gagatcacca 240  
 cgattctagt atttggtact aatgggtgcc tatttgctta cgccctcatct cttccatccc 300  
 ggcagctgcg gaactctgacc gccacatacg gagccgctta cacagcctac gcaaagaacg 360  
 cctcaagtgg taacctaacg ggagtaaata ccgccagtca cccatcatca tatgtgacag 420  
 cccaatccgt ctctcttggc gacgtagggt ccatcgcttt tgaactcgat gagcttgtcg 480  
 ctgtagtac tagaatagcg gatagagtgc tccttgccgc cggttgaccg tccaaattgg 540  
 agcccgaagg agagacgggc ccttcaaata gtgcgcagaa tggctctnta aacgccagtg 600  
 cggacgagtt cccctgcat gagcctagaa caggcgccaa cggtagctnc accaaccaaa 660  
 ctcccaccaa cggaaccccc cacagtatca gccgaactca cagcgaggcc aacatgctat 720  
 caa 723

<210> 6298  
 <211> 649  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 6298  
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 gactgtatct acccgcccc agcggccagc tgatgtagca tactcgcccc atgagtacc 180  
 aaggcgaact tctccaaatc ccatgagccg tggcggttca ccgcagccac agttcaggca 240  
 acaggcccggt cctcagagt ctggagggtt ggagttgcag ctgcgcaatc aagtcgacat 300  
 gtacggagggt gaccacggtt cgccaaggca agctggaaaa ccaggatcct tttatgacgc 360  
 aggaagccat agaagcaggt ccaggagcag gaccctggcc gttgaggatc ctggcagaca 420  
 gttcagccgg gatggtcgcc ccattctcca cttcggttaag ccaacggaac ccttgccatt 480  
 acgtgatgag gcttttagct aactttttga ttacagnccg agccatgtac agctataccg 540  
 ctgccattcc agaagaactg ggtttaccaa aagtgtgtt ctatcgggca ttcgacttca 600  
 gacgacggct ggtgggaagc tgaagtacta cccaccggg gacgggacg 649

<210> 6299  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(664)  
 <223> n = A,T,C or G

<400> 6299  
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 gcccgtagag attcttgcta agataattga ctatctcacg ccgcatgagc aggtgcagct 120





<211> 675  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 6302  
 ggaaggtatt ctattgacgg tgaattggtt tgtggcagga ttcattcacc ggggtgacggg 60  
 tggaatcttg cacgtgttgg cctggccgat cctgtctttg gtggagcgcc tgcgacctg 120  
 ttttcacgcg gtctacggta gtgtccggcg gcagcccctt ccggaccggg agacttacga 180  
 gcagattgcg gtcgatgatt acctggacga taagagtgat gatggagaat cggaccatct 240  
 gttgcacacc gggaccgcga ccggaagcac ggccccaacg gagcgagggc ggacggatac 300  
 ccccatgcgt cgatttgtcg tgttgggttt gttcgcttgg ttctgtctcc tccgtttcct 360  
 tcgtccgtgg gcgcggcggt acttgtatct ctcaggcacc ctgccgttga caccgttctt 420  
 tgagggtgga caccggaagt ctcccgtcga cagcagggcc ttgccggggg attatggctg 480  
 gctggaagag cggtcacact tgcaccccg cccgggttgg gactggatgc cgcagaaggg 540  
 gctccccgga ttctctgatt gggataagac cgaccgtttc gccttgactt acacgccgag 600  
 tatggacca ttgcacatct ccaaccggga taacctgtc ctcgattcca tccgtcccg 660  
 gctggaggac aacag 675

<210> 6303  
 <211> 674  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 6303  
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 agataaaacta ccgtcgtaaa cattttcatt acctctccca acaccaacga tattccagct 120  
 acaaaaaaatg gacaccccca agccaacagt tctcgtaatc tccggagcat ggcacacccc 180  
 aaagtcctac accaaactcg ccaatgccct caaaaaagag ggctacgaag tccacgtccc 240  
 tcgcctcccc agcatgaacg gcgcaaaccc acccaacgca gatctaaca cgcacacaga 300  
 cctaattccac agctacgtcg aaagcctcgc ctccgcgggt cgcacaatag tagtaattat 360  
 gcactcctac ggcgggccaag tcggaactaa cgccctccac aatcttggtc gaaacgaacg 420  
 taagaaacaa ggactggtcg gcggaatcag ccatctgac tacatgtgcg cttctctttt 480  
 cacagaaggg gcctgtatat tagatatcgc cagggaattt ggtaccgcg atcagattgc 540  
 taatgcatct gatattctgg gtatngttcc gaaagaagaa gtgaaaaagc tcatggctgg 600  
 gcctgggggtg gatgatgcgg atgctganga gctgngttcg tccgtgacga agtggaatgg 660  
 ggaatgccatg tttta 674

<210> 6304  
 <211> 572  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 6304  
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 atgtcgaccc gcctgccaac aaggatgatg ccgatatgtc tggcgcaatg accagacca 120  
 tgcccatggc cgcgatgttc acccgtaaca ggatgatcgg atgggtctca ttcgtctttt 180  
 cacttcaaaa atgggctcgg tgaaacaact gagcagaaaa agacggcatc tactcctgcg 240  
 tatatgtctg tcttcatgtc cttgatggca ttggttgttc cgtatttccc tatattcatg 300  
 cctccgcggc cggttccagc aggtgctgcc actgctaccc cttctcataa acaatgccaa 360  
 ctgtgtggcc tgtttgagga aattgaattg tgatcctata ccaccttgta tatctattac 420  
 ctaaaaaggg ggtaggaggc ttctgaagtt aggatgatac ccaaacgtcc acgtccatgc 480  
 ggtcatcgat ttgccactga agtgcatggg gatcacgtgg gattgaatca atagttagtc 540  
 taatacaagt cttgatcttt ttcttctgtg tc 572

<210> 6305

<211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6305  
 cggccatcat ggcattactt gtgatggatc tctttgggat ccagaaggca ttcgccctgg 60  
 gaacaagtca gggaggatgg atggtgaccc ggatggcact tctcgacca gacaggatcc 120  
 tcggtctcat gccctggga acatccatgg attacgaatc agctgattct cggccaagg 180  
 gatgctggga ccccgagcc agtttgacag ccttctatga caagtggacg agccctttgg 240  
 ccacacctga ctttgttgct gatgatgttt ggtgcggtct ggtaggaggc attggcttcg 300  
 gggctgcggc caccgcggag aaatctgcct tctggaccca aaccctgaaa gaggtgtaca 360  
 agggatgatga gggacgaaag aagggtgcga tggcgctcaa ttgcctcctg gagcgagacg 420  
 gactgttgct ccgactgagg gacatcaaat gtcctgttta ttggctacag ggactgagg 480  
 atacaccatt tggaaccgct gttcctgcgg agcaaatcaa acttttctact gcttcccccg 540  
 aggccaaatt ggtcatgac gaaggcgggg cgactatct gacgccacca atccgaaaga 600  
 ggtgaatgag gcactcttgg aaatgtcacc aagtatcaat gaagtgttct tgtgaaagtc 660  
 ttgcaaatag g 671

<210> 6306  
 <211> 1045  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (1045)  
 <223> n = A,T,C or G

<400> 6306  
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 actggctccg gcgacgatac cgcatacatc ttcgattcca caccaaacac cgagcgtcct 120  
 cttctccac aaagttacga gtcgaaccct caaccgaaaa aggagcgga atctctgcag 180  
 cctattgcaa agattgaagg ccacaaggat actgttaacg cagttgcgtt taccggacct 240  
 aagggtgaat atgcccgtgac cgcagggtttg gatggccagc tgcgtgtatg gcgcgatact 300  
 actccccagt tgactggcca ggcttgggag tttgtcgcag aggcgcagga ggtagaggaa 360  
 attactgga ttgctgtttg cccgtgcgag aagggtgacg aggagaatag caatgtcatt 420  
 gctattggag caaatgacgg gagcgcttgg gtattccgca ttgaccacaa cgacaccgct 480  
 cagcccatta cgatcatgca gacgttcttc cagcacaccg gatcctgtac cgcagggtgcc 540  
 tggacgcccg atggaaagct gctcgcgact gtctcggagg atggcagctt ttacgtgtat 600  
 gacgtctttg gtgcccgcgc cgcgcgggtt atctcttact ctgctggtac cagtgcgcgc 660  
 gttggattga ccccgaggga ccagcgggtt gcagttgatg gaggacttta ttcggtcgcg 720  
 attgcgccag atggtgcatt cgctgctgtt ggtggtgcgg aagggtcacat cagaattgtc 780  
 ggtcttcttc gtcttgcgct tgggtggcgt gcagcatcta aagcgaaggg taagggggcc 840  
 gcctctcagt caaccgggtg tgctgctggg actatcttgg cctctcttca ggctcagtct 900  
 gacggcattg agactntgtc attctcttcc cctcctttga gtctcctcgc tgcgggctcg 960  
 gtagatggat caattgccct gttcgacacc gccaccgct tcgctctccg ccgccatata 1020  
 aaggaggcgc atgagggtgc cgtaa 1045

<210> 6307  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6307  
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 ctgacatttg atgtctacgg caccctggct gactgggaag gacgcatttt ggctgctctc 120  
 caaacgtctc ttcatagaaa cgacactcaa ttgcccgtg agcatattct tcacgtcttc 180  
 catgagctgg agcgggatcc aacatgccc aacaccagat atgcagtact tcgaactttt 240  
 cttaccatc ccaccctaca ctggtgaaac agctaggtct caccacttcc cactgctgaa 300  
 aaaagaaaac ttttgggcaa ctgaggggccc ttggcaacct ttcagaaacc gtatagcact 360

tgaaccaatt	ttagaacct	ccagctagag	gtctaataca	tggttcaact	tacctgctcg	420
cccaaaacaa	tgctggcaac	cataagactt	cccttctgtc	acttattctt	cgacccagat	480
tttcgatcat	tccatcccg	atacaccaca	attgtcccct	ccttatccca	ctccaaagca	540
acctatggcg	tgccgccaca	tgtgggtcac	taccacggca	tcaagcacta	tctatacctt	600
ctcccttacc	ctcagtagca	agacaaccct	tctgcgcgta	ttcgccccc	tatcatcctc	660
ttcatcgacc	c					671

<210> 6308

<211> 559

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(559)

<223> n = A,T,C or G

<400> 6308

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ttgggtctac	tgcaagtgtc	attgtcaatg	caatggcgcc	tctatgcgga	cagcagggtca	120
ccacggggtc	tccgtgtagt	acatttctcg	ctgcttgggg	tgatcgctga	atcagacttc	180
atgacgttcg	ctcaaaccgg	gcacccgagt	ccacttataa	agaccaaac	gaccaaaagg	240
aaatctactc	ccttcaccct	tttggccatg	acagatttct	cgcaggagcc	ggcgagagcg	300
ccgttttgaa	gatcttcgat	ctccggatgc	caaaaacct	cagttacaca	gattccaggg	360
cttcttccat	ttaccagcac	aatgtgcccc	gtcgaaaagc	ctctggagga	gagatcgcac	420
ccccagtaga	gagcatcagg	tacccccgca	aagatttctc	catgttccta	ttctacgcac	480
caccattgta	tccaaatgca	cctcggaggc	gccaacgtga	atccactcct	taccgcggng	540
ccatatactc	cctgtgttc					559

<210> 6309

<211> 580

<212> DNA

<213> *Aspergillus oryzae*

<400> 6309

gtccagccgt	tcaattcgac	agggctctcag	cgttttttga	cccggcccct	gccacagggtg	60
gccgttctgt	ataacgcccc	ccgcgccttc	ttctctcaag	gcaggactct	cgcggtgca	120
gagctttagt	atccttttga	gaatggtaat	taccagaacc	ctcctcgctg	taagcgtgct	180
ttcagagacc	ctcatggcga	ctgggtgggac	aagcaagaga	gacggaattt	tgagaaacca	240
gtccacgaag	aaaacgaaat	tctcgggtgtt	ttcagtcctg	aacagtatac	gcatgttacg	300
tcccgtaagg	gcttcttcca	cctgggcgtg	tttggtgcaa	ccttccttgg	attttgtggt	360
ctcgtgagct	tctactatcc	agacaagcct	agtgttccca	gaacataacc	ggaaggcttg	420
gagaaggaac	ttggaggacc	caatgctgtt	aaggcccgca	aatccggcga	ggactcttgg	480
agattgattg	acgttttgctt	tttttttttc	tctgttggg	gaaataagta	cagtacgatt	540
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<210> 6310

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 6310

atccaagctc	agtaatacgc	caatgacctc	cacctcaatc	tccctctggg	agagggtaga	60
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cttcggaggc	caaagcggtg	catcaggata	cgggctccac	atcggcaacg	cagcgttgag	180
aaaactatgc	aatagactga	gcgcagaaca	gttccaatac	atgaacggcc	ccacaaggtc	240
cgtctacgag	acagccttgc	agaaaaaagg	acttcaaccc	gaaacagtcc	ctctcaaaaca	300
cgggtgcacaa	ggccactgga	tcggaacaaa	gaatgccaaa	aatgtgggtca	tctattacca	360
tgccggcgga	ttcgtgtgtc	ccggtgcagc	aggccatatg	accttctacg	gcagcgtgat	420
cgataccctc	aacgcagaag	gccacgacat	agccctcttc	ctgataacct	acagcctaac	480

cccgacgccc	gtttacccga	ctcaactccg	gcaggccgtg	gaggccctcc	gctatatcct	540
caccgagaca	aaccgtgacc	cgccaacgtg	atcgtcggcg	gcgactcgca	agcggaaaacc	600
taaccgtaac	ccgccttctt	gatctgtcac	acccggattc	ccagaatgaa	cctctgtccg	660
aaataacgcc	cttaacgggg	ttgttgcc				687

<210> 6311  
 <211> 701  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(701)  
 <223> n = A,T,C or G

<400> 6311						
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ccactccaaa	ggactctaca	tctcgtctcc	gcaagctgaa	tgatcgccct	ccgtccttcc	180
ttcgcgctta	tacaaccccg	ttactggggg	ccccgggaac	acatattacc	tcctttttga	240
tcctacatga	aatcaccgcc	attgtgcccc	tattcggaact	tgtgacggct	tttactacg	300
gaaactggct	accaaactta	acttctaata	gcgcctttga	agaaagaaac	ccgcgattcc	360
ggcgatgggt	gcggaaaaaa	ggctggtaga	agatgttgat	atggacgcca	ttgaggtagt	420
ccgaggtgga	aaccactatg	accctgttag	aaatgatcaa	atgccggaga	gtgataggaa	480
aggtgtaccc	ctggtgctgg	aatttgcgac	ggcctagccg	gcacccaaag	cattactggc	540
cgttccgaat	tgccgcaagt	gtcttgcca	cgccctgggt	tgccgcaatc	atcttgttcc	600
cacctgaaaa	agggttaana	aactctgtgg	gaaaaaagaa	aaatttgacg	gtccctggta	660
ttactaccaa	ttccggaccg	gtgaagaaaa	tgacacaaac	t		701

<210> 6312  
 <211> 647  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6312						
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caagaaggaa	gatatggacg	gtcgtgagca	tttcgtctgg	actggcggca	tccttggagt	180
tggcgggtcaa	cggagaccat	tcctgggaat	tgatgaaacg	actggtgagc	caaccaagcc	240
gtatgatatg	gctgaagaac	gagcgcagcg	agacgtcaag	tctcaaggag	cctcagaaga	300
tcaaaccgaa	gtacatgcag	ccgatgggtg	acagattgcc	gaggggtgcat	ctacacctcc	360
agtgaagacc	attgactacg	aagatgagta	cgatattgag	gccgaatcgc	tcttagagac	420
aagacgcaat	gcgcagcaag	ccaacgatga	cttggtggac	aatgagcatc	gcgaaaacat	480
cgacagtaac	ctcgcaaatg	attcctccac	cttgactgag	gatctactcg	ccatggacga	540
agatgtttca	aatgatgact	atgaccaatg	gtttgaagaa	agtattgatg	aagaagctat	600
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<210> 6313  
 <211> 695  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(695)  
 <223> n = A,T,C or G

<400> 6313						
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tccccacttt ttggacaatg gcctaccaaa ttgcaatatt cttcgtgctt gaggatacat 540
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ttcaccatca gtattcagcc ccctttggca tggcagctga atatgcttct ccgatcgagg 660
tcatgattct cggtttcggg actggttggt gtccgatcct ctggtgcgca gtaaccggcg 720
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cacacagcgg ttatgagttt ccttgaggtc tccatcattt ccttccattc tgggcgggcg 840
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<210> 6317

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 6317

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tccctactac ccagctcgaa gacttcaagt tctgggtgca atatgcggct gccacctact 180
gccccaaata ctacgttgcc aaagacggcg aaaagctgaa ttgctctgtg ggcaactgcc 240
ctgatgtcga ggcggcggt tctactgtca agctcagctt ctccgatgat accatcaccg 300
acaactgccg cttcgtggcc gtagacaaca ccaacaaggc catcgtcgtc gctttccgtg 360
gctcctactc tatccgcaac tgggtcaccg acgcaacctt ccccaaacc gaccaggac 420
tgtgcgacgg ctgcaaggcc gaactgggt tctggaccgc ctggaaggct gtccgcgacc 480
gaatcatcaa gacctggat gagctgaagc ccgaacacag cgactacaaa atcgttgtcg 540
tgggccacag tctcggcgcc gtcctgcct cgctcgacg tgcggacctg cgcacgaaga 600
aatacgacgc gatcctgtac gcctacgcc cgccgcgtgt ggccaacaag cctcntgccg 660
angtcatcac caaccagggg cacaactacc gttcactca caatgacgac ccctgacca 720
gctgccgctc ttgactt 737

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<210> 6318

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<400> 6318

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gagaattagc gacacaagat gcctccgaag tccgcgaaac caaccagcga tgagcttctc 120
gctcaatttg acgacctagg ggtcgactcg accgcggacc agcctacctc caagccagct 180
acaacagcta ccacggcgca aactgaagac gatattcttg ccgaacttga taacctagcc 240
tcccagcgtc ctacgagtgg acccggtagc ccacgtctat cgacaaatga gccaggccg 300
gccatcaaat cccctaaacc tgctgcaact acccctcaa ctgggcgttc tagtgaggac 360
aaaccgcgc cccgtaagtc caccgagagt gcccggttt catttgagc aaacaaagat 420
acggatgtac agccatccaa gaccgagaaa ccagcagcca aagagccgc ctcaagcgg 480
gggtggtggt gatggtgggg aggccttttc gcaactgcga ctgcgaccgc cagtgtgca 540
atgaagcagg ccgaggcggc cgtgaaagaa attcaacaag aatgaagaag cacagaaatg 600
ggctcagcag gtgaaaggaa atgtccgtgc actgaaaga 639

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<210> 6319

<211> 670



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ttgtatatca	attaatcaac	gcgatgggag	ccacgaatgt	ggtggaggcg	ggaaccagtt	420
tcggcgtcag	cactatctat	ctagctctcg	cggtagctaa	aacgaaagct	gcgacaggaa	480
agcccggtgt	ggatcatcgcc	acagagaaaag	agccagagaa	ggcaaagatt	gcacgagtct	540
actggaagca	atgtggcccc	ncggttggag	attgagaatg	actttcgcga	aggcgatctc	600
cttgaaacgc	ttgaggagaa	cctgccagag	gtcgacttac	tcttactggg	aatntggccg	660
aaacttgcgc	ttccaacttt	taaaacagtc	c			691

<210> 6322

<211> 560

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(560)

<223> n = A,T,C or G

<400> 6322

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acttactacg	ccgccgcaga	caccgatgtc	agccgtctcc	caaagcgga	caagcactat	180
tagcaatagt	gttctaggca	agcgagccag	cgagtctgaa	aaagaggaaa	ttaaggatca	240
gaattctgtc	ccacaagtac	aacagccgaa	gaaaagacga	gtagcaccga	ctctcgtttc	300
taccggcaac	ggcccttcgt	caaaagatgg	cccccagaat	accgacgttg	gcggctaata	360
ttccttggtc	aaaccaagctt	cataaaaaac	ttcccagacg	gatgtataaa	actctgttct	420
cttgtctact	gagtcgactg	cggatgactc	gagtgcctat	gatatctttg	ttatgagtaa	480
tgtgtccttt	tttcgcgcgc	tcacaagac	tnccgataat	gtttacgtcc	tgtgggattt	540
acctaccgtg	ctctgggatn					560

<210> 6323

<211> 1130

<212> DNA

<213> *Aspergillus oryzae*

<400> 6323

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ctatcttgg	cgcgtcgggc	aatagcggaa	cccccaatt	ctcgcgcaat	ctcttcgcct	180
caaccaaaat	tttttccttc	tgaacaatct	tgatctctct	cttacaccat	atattcaaaa	240
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gtcgtcggg	gcctcaatct	attgaccaca	ctcctcgccc	tcaccccgcc	tctccttcag	360
gcgccctccc	cgactcgttc	gctgcttacc	gtgtcaaggc	ccagcagcac	ggccctctga	420
gccgtggctc	gttcggttag	ggcgcgatcg	gccgtagctc	gggctcctct	ctgggccccg	480
ttcagcccaa	gcaggggagaa	tacttcgacc	gtgccgagct	ccctcctcgg	ttccagcgct	540
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aagccctctt	ttgtgtacat	gaatgaggga	tgatgcaatg	aagacgatta	caacgataaa	660
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cacctgatgg	gtccaggaga	atctacatca	ggggaatctc	gggccgaccc	ctgctatttt	900
tctttgatat	cattttattcg	taccatggcg	ctggtgggtg	ttacttcttc	cttagcgggt	960
tttatttttt	ctggcggtgg	atatgggggtg	ttatcgctct	gacgtcgggt	tgcggaatgt	1020
tcaggtttac	aaacattcgt	gcatagatgg	tttcatttgt	tgctagactt	tggcctcaag	1080
gaagacaaaa	tggtaaatgg	attcttaaat	cataaatccc	aataaccttc		1130

<210> 6324

<211> 773

<212> DNA



<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 6324

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tttatttcga	tatgccgtcg	ggcgacgcgc	gcacccagcg	ccgcattccg	aactatattt	180
cgcateggtc	caacttgtct	gcttcgctgc	agcctcggtg	tatgttcaac	cagaacaacc	240
atgaacaggc	cagttcgctg	acggtgcatt	cgccgagcta	ccccattccc	cagccgcaac	300
atgtggaccc	cactcagggt	ttgaacgcca	ccaattactc	gaccggcaac	tcccaccata	360
ccggcgccat	gttttcat	ggagccgatt	cagataacga	ggatgacgat	ggatcatcagc	420
tgtccgagcg	ggctggctcg	gcatgcccga	ctgaatatgg	ggacgaggac	gggttctcgt	480
cgggcatgca	gtgggatggg	cagttcccgg	gctccttcca	ttcgctgccc	ggctttgggc	540
ctcaacatcg	caagcatggg	accatcggtg	ccacggacct	gatggacacc	cccgaggagt	600
ggattcacgg	tgggcagttg	gggtcggact	catggttcng	tggctttngg	tcaatggggt	660
gcnccacccg	anagcaggaa	tctttnngccg	ggagaagaat	tggccngaac	caaggttcac	720
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<210> 6325

<211> 996

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(996)

<223> n = A,T,C or G

<400> 6325

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gaggctacga	ccatgtgcac	tggtagctag	gcaacgccaa	acaagccgct	acctactaca	180
tcacacgcat	gggctttaag	cgcgtcgctc	accgtggtct	cgaaacaggc	aaccgaagca	240
tctgctctca	cgtcgccgc	aacggagata	tcactttcat	cctcacttcg	cctctgcgct	300
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atgccgtctt	caacgcggca	gtaagcaacg	gcgcaaaggc	cgtgtcaaac	ccgcagacgt	480
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gtgttgga	ccaggactgg	gatgagatgg	acaaggtttg	cgaatactac	gagaaagccc	720
tcggattcca	ccgtttctgg	tccgtcgacg	acaagcaa	ctgcaactga	ttctccgctc	780
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gcagcacttn	gctcttctga	ctgacgacat	tatccgagac	atcaca	aaccc	960
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<210> 6326

<211> 1079

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1079)

<223> n = A,T,C or G

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aattttcatc ccatttcctc tttttgcgcg tcaagtgtcc tttcgtccgc catggctgct 180
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gctcgtcct atgcgactgt cgatgeggct gccaggatc ccaaccgctc cgagacgcca 300
cgcactaaaa ctttccatat ctaccgctgg aaccccgacc agccgaccga gaagcccaag 360
atgcagtcct actccctgga cctcaacaag accggaccca tgatgctcga cgccctcatt 420
cgcatcaaga acgagatgga cccaccctg accttcggga gaagttgccg tgagggtatc 480
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cagcgcgaaa ccaagaccga ggatggcctt gaataccgcc aaagtccga agagcgcaag 720
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agcgtctacc gttgccacac cattcttaac tgctcgcgga cttgccccaa gggctctcaac 960
ccgccccgtg caatcgccga gatcaagaag ttgatggccg ctcatataag agtaatggat 1020
gaaaagtaaa ggagtgtttt tatatatctt gagatatgtc ntcttttgtg gttctcttt 1079

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<210> 6327
<211> 636
<212> DNA
<213> Aspergillus oryzae

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<400> 6327
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ttatctcgac gataacggta atgacaagca tctgttctac tggttcttcg aatctcgcaa 180
tgatcctaag aacgaccccc tctgtctctg gctgaatggg ggccccgggt gctcttccct 240
cactggtcta tttatggagc tgggacctag cagcatcgat gagaacatta agcccgctca 300
caatgacttc tctgtgaact ctaacgcctc cgtcattttc cttgatcagc ccgtgaacgt 360
cggctattcc tacagtggct ccgctgttag cgacactggt gctgctggca aggatgtcta 420
cgctctgctc tctcttttct tcaaacaatt cccgaatat gcggaacagg acttccatat 480
tgccggcgag tctacgcgc ggcattacat tccagtcctt gcacccgaga tcttggtctca 540
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<210> 6328
<211> 681
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(681)
<223> n = A,T,C or G

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<400> 6328
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tcccggacca tcaccgcaac ccccatccgc aacctccgac cactatcaac atgtcttcca 180
aaacaccctt caccagtcag gatcacgaca accaagcccc tctctctatc tctcccccag 240
ttaacgactc aagcacgatg gggatcaacc caaacctcca gcggtaaaag ccaagccgac 300
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tattttgatc cgggggacat tgcacctgag gtccgcccag aagtcaaaan gaaggtttgg 600

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caacgggtga	aggagcttgc	gaatgcngtg	ganngcgtng	angaaanggc	taangattga	660
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<210> 6329  
 <211> 293  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6329						
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gaaagcagaa	agttagcggg	agcgatgacg	aaaaggagga	cgacgatgat	tggtaaactc	180
ggtggctact	tctcaatttt	tctttatgtg	ttgctgtggg	ttagatcggt	ctagtttcgc	240
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<210> 6330  
 <211> 1017  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1017)  
 <223> n = A,T,C or G

<400> 6330						
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tcatgaccgt	aacgatcgcg	aaaacgcttc	aggggcgcc	cgagaaaaac	atcaccgcca	240
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tgaatctact	acgggactgg	gtactggtag	caggaattct	cgctctcgcc	gtagctctta	540
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ccgtgacaaa	cagctctact	gaggcccttg	tgcacgagca	agaaagtggg	atccattggc	660
tgggcacaga	tattcctgaa	gatagatatg	cgctgtctca	atattcatcg	aagctaattc	720
ctcgtcacga	tacccgctac	gotactgacc	cggtaacctg	gacgtctgct	aatcccagg	780
atgcgagggc	tactgaccaa	gatcggttga	gaattttcga	cgaactctga	caaggcgata	840
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ctttgacaac	ctatcgagac	ttttngtata	tattgacacg	ataccaata	tgncatactt	960
gacttgatca	tttatgcgcc	tacgtgtgca	aaccaaagat	agttcatcgg	tggcctt	1017

<210> 6331  
 <211> 580  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(580)  
 <223> n = A,T,C or G

<400> 6331						
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gtggcaggcc	atccatctcg	cggcaccatc	gacaaccatc	cgagccatcc	aagcactggg	180
cgtgaatccc	cggaaaagtc	gagttctgca	tcgaaccaga	gtcgggagac	atggagccga	240
cctaacagta	ccgtgatctc	ccatgaacgc	cggtcttctg	attcattttc	aactgcccac	300

acgacgatct	cacaacggca	agcagaaggc	gaacatctac	tgccaaatga	ccctgaacct	360
tcctctccga	ttgacctgat	accacggcct	ctctccatct	ccaaaccgaa	ggctgagtgg	420
atcggcaacg	tccgacgagt	gctctctatg	actcgaaagc	ggcctcagtc	atctggggat	480
ggcagtgctg	cttctacagc	ttcggggcatc	gacaggagga	gtgccgtgct	tggatccgca	540
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<210> 6332  
 <211> 619  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(619)  
 <223> n = A,T,C or G

<400> 6332						
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tgccgaaaaa	acgggtcatcg	caagacagca	ccgcatcaca	gcgtaggcgg	tcaatatcgt	180
cagacagcaa	ggatgatgat	cccaacatct	gcatgctgag	gaagaaggca	cataaccagg	240
tggagaagtg	ttatcgtgca	aacttgaatg	caggggttaa	acagctcgaa	gatgtcacta	300
agcaagactc	cacgaccgca	acgagtgata	ccaagatggc	gaagggcttg	agaccgggcc	360
gcaaagcttt	gattctgcaa	cacgcctatg	agcacatcgt	ctgtcttcag	gctgagcttc	420
ggtcgttgca	gaagaggctt	ggtgaacggt	aacgctaggt	ttagatattg	cattatacac	480
tcattctatg	ctatatacca	cactcgctgg	tatcgctcaa	tttactgtac	cgtaaatcat	540
gtgttaaaat	catactgtac	ctaatacatca	tgcttacatg	gttttgagtg	aaaaaaaaan	600
nnnnaaaaaa	aaaattcct					619

<210> 6333  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = A,T,C or G

<400> 6333						
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ctttgtcatc	cgagcagcct	agctttacaa	ccgaagcttt	tcagcgttct	ccctgctcct	180
gtgcagactc	tgtttggctc	tgtcatcagt	gtggtatggt	cgtacgcaac	agtgcacaaa	240
cgtaccgccg	agtatggaca	tggcgaacca	ggtacagtac	ctatctggga	gggctaggca	300
ctggaattgg	cgaaggctgt	cagggagtca	aatgcggtcg	tggagaaact	tgcttggcag	360
ctcaagaaat	cgagctagaa	gtagaatgtg	aagcagacga	gtcttcgggc	agtctacagg	420
ggacgggata	tggaaatgag	gaagcacata	accatoccaa	cgacgcgtcg	gacagccgtg	480
aagaagaaga	gccgggttat	ttccgacaag	agatcatcgg	aattggaggc	gttgtcaaac	540
ataaagccaa	gaaacgggtc	atggtggggg	cctgtgtagt	tgagcacgaa	gatgagagag	600
aaacggggcca	gtacttggct	cgtgaagagg	ctggacaaca	tcgaanctgg	tgtggatggt	660
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<210> 6334  
 <211> 636  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 6334

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tcgtgttcga	atatcacttg	caaagatcgt	tggacttcaa	gttttgaagt	gaaaagtcac	180
gacattcatg	atgttttccc	gtttttatat	cgtcagcctt	ttttcttttc	ttttcgattt	240
ccccctttccc	cattctttctc	atttttcctt	cttcttttct	tatttggttt	ggttgggcat	300
atctactggc	ggatgtcact	catagattgc	gtttcttgac	gttggttgac	tttggaacct	360
ggtttccctt	tttaccactt	ttccttctac	tcagcttctt	gccttgagta	ccatggcggt	420
aatacctcgt	ttcattcgat	tccttgccg	gcttggtgca	ttgttttggt	tggcagaagc	480
tgatcatattc	ttctcttcac	tttaattgga	gtcttcctcg	atgctacgac	gtcacacccc	540
gagatttcat	tcggcctgct	ctgaccccg	gatcgaggat	tatttctctc	ggntgtagtt	600
tattttcttt	ttgaacactc	aacctttggt	atttat			636

<210> 6335

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 6335

cacaagagtc	tcatttcaaa	ccaagcctcc	aactatcata	attctctcac	ctatttcctt	60
agaatcatcc	atccccatca	actcgctctc	aaaatgaaga	ccacattcgc	cgatcatcatc	120
tcgctcctca	cggcatctat	ctcggccgct	cctcttgagg	cccgtcagtc	caaccaagtg	180
actctggccc	tgtctaacga	ccagageggt	gcctatgccg	gcgttgccct	cgccgctgac	240
ggaaccgaca	agagcatcaa	agctctctac	ggcggcacct	ctgttgagac	gagcggctcc	300
gttctcgctt	cttcgcgtca	gctggcatca	ttccctcaga	caatccactg	cgttatcaag	360
aacaacggcg	cagtcattgc	aaatctcgat	gctcagcata	cctttgctga	tttggaacgga	420
aaccgggctt	ctgctactcc	tgtcaacctc	gaccacggta	ttgtcaactg	cagtgcctga	480
tgggatttta	acagaacctat	ccatcttcac	acgggactat	ggccggttaga	ttaatgagtg	540
taatgagggg	gtttcatgat	cgggtgaatga	attgagctta	atgattgatt	tatgtgcctg	600
aaagcggggt	aatgtgcaag	agttcgggtt	ctgataatca	agcgcaagac	catatatgta	660
cgcactaata	gaaacctgat	ttcactgctg	agaa			694

<210> 6336

<211> 553

<212> DNA

<213> *Aspergillus oryzae*

<400> 6336

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caggaccgaa	aaaaaaatct	tttcttttct	tcctaatacg	caaatttatc	ctccattcct	180
ctccttttat	tcctccatcc	atagtatact	cgcaacaaca	gacaacctac	acagacaaaac	240
agaagcaacg	ccgcgttggt	ccagtggccg	gtcggataac	ccctcttcgc	ttcgttagct	300
ttataaatcc	acacacccac	gatctgcccc	ggagctccga	ccgatacggt	tagggcgatc	360
gcgaggcccg	ttccggctgt	tgagcggagg	ttggaggaga	gccagccgag	aagagggggg	420
atacaggcga	aggcaccgct	cgtggctact	atcagacagc	cgtagcgatg	ctagcataaaa	480
ttagtacgag	ccacagaagc	tggcaagata	gcgcggtcaa	cgtacgaagt	atgcgtccgg	540
tggaagaacg	tcc					553

<210> 6337

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(659)

<223> n = A,T,C or G

<400> 6337

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cgtctccgat	cggaagtcac	cttgggggtg	cagaagctct	gtagtgaaca	aagagaacga	180
gggtgtcccc	gaggaggatg	agaaccgcag	tgacattgaa	agtgatgtgg	gtacagagcg	240
caaaacaagc	tacgccggta	gtatgatgta	cgaggcaggt	agcactgtgt	ctaatgatcg	300
acggctaagt	ggctccagca	ccgccactga	gacggttggc	aagggtcttc	actcagttgc	360
cgatgacggg	gacgggtgctt	cggatacaca	tgacgatcct	aaggccgacg	atccagagct	420
agactcagag	tcgtctaaat	tgggtactcta	cggacaacat	agcgacagtg	ggattgggtg	480
tgcgagtgtc	ncaggataacc	ttcaggtgat	gacctgattg	atgtttaatt	ggtgatcatg	540
tgcagcctga	tatggattct	tgagatacca	ccgatggacg	gttccaccgg	ataattccag	600
cagtgttggg	aattgttcta	cactcgcctc	ttttggactt	tccttttgga	gagagtctcg	659

<210> 6338

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 6338

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gtcagcga	gtcgggttac	atccgatctc	acacatgcaa	tgccagccgc	acgccaccgc	180
tcccaccctt	ggatggacac	ggacgatgtt	tcaatcgcca	tgttcgagca	tgccgggctt	240
tcccgagatc	atgagaccgg	ccactcagag	gtgtcccat	catggagcgg	cgaaccacac	300
gcaaatcatc	cgtatccccg	tcgagaactt	agtccgggtg	actntacctc	cctacatcac	360
cgaggagcc	tcccgctgaa	aacgtcgaca	gaaagtccgg	ggtgacaccc	tagattcttt	420
ttccctttgg	atcccttacc	ctcggaaccc	cccatcttcg	tcggttcctt	tacctgaatt	480
ttaacccttg	agtggccttt	ttcaccgatt	gacgattatt	ggaatccgga	attgcaaaaag	540
cctttttaat	tccgggcgtt	ttcccttacc	cgggacggaa	actatcgggg	gaattcggtg	600
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ggttccccct	ttcccccg					678

<210> 6339

<211> 481

<212> DNA

<213> *Aspergillus oryzae*

<400> 6339

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gaggaaacgg	ggacgcccgc	ccacccagc	cgcgcttata	cccgcagagg	ccgtgaaacg	180
tctcggtggt	gcggtctggg	gtgaccgaag	cccgggtggc	gtttggctcg	cggcaccgtt	240
gggggtctgtg	gatcgttggc	cgtggccat	catcgaaaag	cagattccag	gggggagccg	300
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cgtatgccgc	aggcctgtct	ccgccctttg	gggtggtcac	gacgggaaca	accttgctgtg	420
cggaccggat	cctgaggggt	tccagtgagg	gcaattggat	ggtcgcatgt	gtgccgcccg	480
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<210> 6340

<211> 1209

<212> DNA

<213> *Aspergillus oryzae*

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<400> 6340
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ctgggttact tccctggcta cctctttgga gaaccccaac atgctgctct ctggcagtcg 180
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gaccacccgt accttcgttg gccacaccaa cgacgtcctc tccgtctcct tctccgccga 420
caaccgccag attgtctccg cttctcgtga ccgcagcctc aagctctgga acaccctcgg 480
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<210> 6341
<211> 1363
<212> DNA
<213> Aspergillus oryzae

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<400> 6341
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gggccatgat aaccatgttt ccacactcct cgagtggcat tttctcgtcg tcgcccttag 180
gatggcccggt ggcggttcggg tagtgggttc caatatcgtg catggcgat gtgttgggat 240
actttccgtt ctcttgaatc tcatagattg gcttcagaat cagtttgagg agctcgggat 300
tgggtgtacaa aaagatcggg tgagcgggga agatgacgtc cacagtgttc atgttgccat 360
tgagcagat ctccctcatg aagatgtagg ggtcttcggg cgtgccgggc aattgctcgg 420
cagcaaagac ttgtcggacc gtgagggagg tgattgtcag gtagtcttgg ccatcggcat 480
caatggaatc gttggatatc gggtcacatga gatccttcga tagtgcagct gcagcagcat 540
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aggcatcaca gtagtcgcgc gtggtgataa gtatgccgag atggatcctg aagtcctgat 660
attcttaaa cgccgtatctt cgacctttct cacttcgtcg cattttgaaa tcagaccct 720
gctcctctcg gctacttata agtacgcgca actacgatgt ttttctaccg ggtaactgac 780
aaagactccg ttgctgcatt tgaaccggga caagggttta tcgcagggaa tacttcttcc 840
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agagaactgg ggttttggat tcaagataac gcattccaca atgccaagta cgaagccctg 1140
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ggaaagtgga ccggcgggaa gtggttccat atcaaccatc cctttcactg aaagatgtga 1260
cagtctatgt accgcggcaa tggattttatt attcaccatc tttgccctga agtgattcag 1320
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<210> 6342
<211> 677
<212> DNA
<213> Aspergillus oryzae

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<400> 6342
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<222> (1)...(695)

<223> n = A,T,C or G

<400> 6345

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ccgatcatcc	tttattagag	gaggacgaat	tatcggacac	cgaatgggaa	cctgtgcaac	180
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cttctccggc	gctccggcgc	tatttcaacc	ccgttacggg	ttcacccgca	gaaatttatg	480
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tgcagacctc	tcacccggtc	gggaaacggg	gttctcgaaa	gagtcgattc	cacctgtcgg	600
gctctaaggg	tcgtgggtcg	tattctcctt	tcgatccgga	gggtcccccg	atgtccccgc	660
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<210> 6346

<211> 574

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 6346

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caatctgcac	ctgaaagatc	gaaatggggg	agacgactga	tttatgccgg	aatttttggg	180
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ttngggaatg	gcctggaang	gatgccgact	tgttgtcacg	gcggaagctt	tgccactgtc	540
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<210> 6347

<211> 270

<212> DNA

<213> *Aspergillus oryzae*

<400> 6347

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gggccccctt	taaaaacccc	ctaagggggg	ggtttaaaac	gggggcgagg	ccccccccgg	120
ggggtttttt	cccggggggg	aaaaaaaagg	ggggtttaaa	aaaattttgg	ggggaccctt	180
ttaaaacctt	ggaaaaaaa	gattcccccc	cccaaaaagg	gaaaagtgtt	aaaaaagggg	240
ggatccccat	ttggggatat	aaaaatgggg				270

<210> 6348

<211> 703

<212> DNA

<213> *Aspergillus oryzae*

<400> 6348

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tagcgctcct	tcagccggct	cttctcttat	tcttttggtg	aaatatcccc	atatacatat	180

agtcattaca	tcctgtcttg	cggatataaa	cgaccatcta	ccatgcctaa	atacgggtgcc	240
ctcgggtgcaa	ctttcatgat	cgcccggatc	atccaggott	gctgtcttat	tgctatcatc	300
ggggttgacgg	ccaacttcat	cgcagagatc	gtgaacagtg	acctcactcc	tcccagtatc	360
tttatcgga	caatcacagt	gacctgcata	gcagtaatct	actgcataat	cacttggatt	420
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atcgctgtca	ttgtcgtggc	tggtataatc	ggaaagccac	tctcgtatct	ccaatgtgat	540
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agctacctat	ccaacctgga	cggaaagttg	cagtacggga	ctttgattgg	tgccagtaag	660
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<210> 6349

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6349

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agagaggaaa	aactttaacc	ccactctttt	agaacccttt	tacccccaag	ggtgctaaaa	660
aggata						666

<210> 6350

<211> 619

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 6350

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aactgcccgg	tcacaaatga	tgctgggttc	tggtcttcgg	caaccttcac	tggcagggtt	180
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gacaaattat	ctctcgggat	aaacaaagga	aaagtgggta	tatagtctca	gtcacttaac	300
gttctctcatt	ggggcgcat	atcgagtaaa	aactgggttg	cttcaactca	gccaaatgca	360
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<210> 6351

<211> 728

<212> DNA







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tctctnccg	cttnttccaa	cttttttttt	cncctttttt	gtacctagct	cgctctgggt	1140
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<210> 6359

<211> 651

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 6359

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tacggcagag	cttgacagcg	atggcaaggt	ctttgtggag	cagcctagcc	ggatgggtccg	360
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catgatggcc	ggtagggcca	agcgcgtcgg	tgggcagaag	aagcagatgc	aacgagccca	480
gaatatgctc	aagggtggca	ataaagaaca	gcagctcgcc	gcgatgcaga	agcgcattggc	540
ctccatgggt	ggcgcangtg	gdcgcangttt	tcctggaatg	cccggtatgg	gcgatatggg	600
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<210> 6360

<211> 688

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 6360

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attccagtat	ccaattccga	cagtgcgcgg	tgtggaacag	gagctccgcc	gggacattgc	180
cagcaataag	gagaagctcc	gagctctcgt	tgggacgaga	tatcgagagc	ttgttggaac	240
cgccgaaacg	atcgatatcg	tgaaccgcga	gatgcaggag	gtggatgcga	ccctagcgga	300
tatcggaaga	agatgcaacc	cacgattaat	ggagaagaaa	gttaccatt	tcagtcaaat	360
caagggtgat	gttcacgaca	aaggcgcaac	taaacgagcc	gttggggccc	agcttgcttt	420
acttcacnng	tgtgagacgg	ctatatctcg	actattgagg	agacgtgatt	ctcttcttct	480
aggagctaaa	ctgtgggtgn	ttccccactt	ctgcataaag	cactgtccaa	ccaaaagacg	540
tggccggatt	tttttgaaag	cctacggaat	caaataagct	tacttgaggc	aaaccctttt	600
taagaagggt	aacaagtgcc	taaccttaac	tcattaacag	cggatgaatt	attggagtcc	660
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<210> 6361

<211> 672

<212> DNA

<213> Aspergillus oryzae

<400> 6361

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tcacattccc tattctt

977

<210> 6370

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(641)

<223> n = A,T,C or G

<400> 6370

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cgcagtagct	gtcaccggg	ataccagctc	tgctactccc	aaggagttca	gagtcctcaa	180
cagatgtcat	aacatctgca	ccggacacaa	cgactgccc	gagagctgtc	cctgtgacat	240
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cttggaagg	cggtttgtac	tggctntagt	ttacatcagg	tagttagttt	attgggtcta	540
ctttattatt	gtgcgtagtg	ataataggac	agacaatggg	accgcattaa	acatttgcta	600
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<210> 6371

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6371

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tcaccagtat	ggaagctgat	attcgagtgg	ttgacggagc	gcgtagccc	tctctcagct	300
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tcctggcctc	tgccgcgggt	tcttacatgg	gtggccgcac	gcgctctcac	gtttaactat	480
aatatctccc	tgctgagctg	gtctccgctg	tgattaatac	cttcttttcc	ctcccatcct	540
agcaccctgc	tggtacctag	aatgataatc	tgcttctcat	gtcttgccag	aaaagtgtcc	600
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<210> 6372

<211> 1133

<212> DNA

<213> *Aspergillus oryzae*

<400> 6372

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ccgtaccag	tgaattccgc	ggctctggcc	gcgagcagat	ctcccggtac	gacaccgcaa	300
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catacttttcg	ggcccaaaac	accgatggca	aggcgtacac	cgcccgc aaa	gtcgtcctgt	420
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gaaatggctg	atgtttttgc	ctcatgctaa	atggctgaag	agggagttat	caaggtcatt	1080
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<210> 6373

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<400> 6373

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ttggtctaca	agcgcaccgg	tactgaggtc	ccctggaccc	aaggctcgtga	tgtctggtgg	180
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gacgatcgct	ttttctgtgg	tggtgacgtc	ggttgatca	ctggtcatac	ctatgttgtg	420
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cctacagcat	tgcgggtggt	gaaacccccct	tggataccac	cccattttacc	acaagatggg	600
ctacctgcgt	attctgggct	tccgctggga	accttaccct	tgagaggggt	ggaaatgggt	660
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<210> 6374

<211> 1006

<212> DNA

<213> *Aspergillus oryzae*

<400> 6374

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<210> 6375

<211> 1006

<212> DNA



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<210> 6378

<211> 678

<212> DNA

<213> *Aspergillus oryzae*

<400> 6378

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<210> 6379

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 6379

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aaggcgngc atacgggtgac tttgaaattg tcgaatcacg acgccgaaca cggtcaccga 540
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<210> 6380

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 6380

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ttggcaagag	aaggttgggg	tgtacaccct	gctgcccggg	gcttggggag	gataggggaat	240
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<210> 6381

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 6381

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<210> 6382

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 6382

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<210> 6383

<211> 644

<212> DNA  
<213> *Aspergillus oryzae*

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<210> 6384  
<211> 654  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(654)  
<223> n = A,T,C or G

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cagcgtgacg gtgcgggaact tgactgcaac tggatacagt gtggaaattc ccgctggcga 420  
gacggagacc ctgagctacc agattaccac cgagatgcat cccaggacc tcagacttag 480  
ccttgcttcc ataatctccg acaatgaggg cagattctac acagtctacg cctacaatgg 540  
caccgtcagt gttgtggagc ccgaaactag cttcttcgac ccagattct tttcctgtat 600  
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<210> 6385  
<211> 689  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(689)  
<223> n = A,T,C or G

<400> 6385  
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ctctgaggag aagacaacag aggagaaacc tgccggagag aaaacagagg aaaagactgc 180  
agaagcttct gcgtaagtct cgggtcaaac tcgtgtttta tctcaaattc tttctgctct 240  
gggtgctctg gttctcgttg ctgtctcaca tgcgctgctt ttaccatggg cttgggtttt 300  
tagccgctct gctagtgttt ccattctcct tctcttactc ccagttcttc attttggaaa 360  
tgagccttga acctgtgaat ttcaagaata ttcataataa gcttgatgac ttccctttct 420  
tcgcttcttt tctataacct ctaccctctc tttnggacct ctctcacatc gccctgtac 480  
atctaacctc ttcaatggac acccgaccgg gtgtcacoga ctaaaacctt gaattaaaaa 540  
ctagcgacgg aaccaaaccg catggatatt ttgaccgaaa agccctggac agagaacaat 600

ccttcataaa	gaggtccgag	cttgatttga	ccaattggga	tttcggataa	caaaagctca	660
acatgaggtt	ggaggtatcc	ccccggcct				689

<210> 6386  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6386						
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agggcgagaa	ctccatgtgc	tgtaaactca	acgatacaat	gccagacacg	tgtaacagca	180
cgggtctctg	ctattcaagt	cagacgggat	attggaggga	cttttgtacc	gataagaact	240
gggattctcc	gaattgcttg	aagaagactt	tttgtgatga	tgcggcagga	ggaaaatcaa	300
actggacgac	gagagtcaca	tcatgcggag	atggatcatg	gtgttgtggc	gataccaaca	360
actgctgcac	gaacggcgga	gggttcaccc	tcgattcacc	cctagtcgca	attggtaaca	420
atgcgactgt	taccaccacc	gtaacagcaa	caccgaaaga	tagcaacaag	ggatcctcag	480
attcatccac	caaggctcgc	attggagtcg	gggtcccaat	gccattggcg	tgtctggcat	540
gcggaatgtt	aagaagtggg	tttctctggg	gcaaaagaag	tgcaaggcaa	gcgctgtccc	600
aaccacgaat	ttcaaagggg	cagttcaggg	tcccgcgata	ccattggaaa	accccgaggg	660
caaaacttgg	gccaccaacc	agaaaat				687

<210> 6387  
 <211> 734  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6387						
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ttaccagtaa	tgtatgaatc	ctaccgccc	catccactcc	tgccgcaagt	ccctttgacc	180
gtctctcctt	tcataaacct	cccttcctca	gtcacccttc	cctacaccta	caaatacatt	240
ccttccacac	tcccggcatc	cgtaacagtc	gaccccaaca	accccgacac	taagccccgc	300
tatgtgtctc	ccgcgagcgg	tgagcacgcc	gcataccgcc	aagaaatcct	agcatcgctc	360
aagtctcttg	aggaactgct	caataaaaaac	cgcaccgatg	cggagaaggc	cattcagaat	420
tgggaggagt	ccattgtgca	gcgcgatctc	gcagagaaga	gacgggttgc	gcccgggtgg	480
ttggaccgcg	aagagaagct	actacaaccg	agtagatcta	tggcaggtcc	cagaccgtca	540
gggcaaccag	aacacagctt	gctagatagc	ttgtcttcgg	atccagatgc	gtcgaaaacta	600
ccatcgatga	agccgcgcga	cgagggtgag	gagctggata	gagtgttcgg	tgggctaaac	660
gtaaaatgag	tgggtctcgat	caactgagcg	tcagggtacaa	tcataccccct	cgacgtggca	720
gcgtcattta	gctt					734

<210> 6388  
 <211> 676  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 6388						
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agtgcacaaa	tgctgcagaa	gcccattctc	gtcgtactc	acccccgcgc	atgctcaaca	180
gcatttgaac	gagtccttcat	gactcgtcgg	gataccatcc	agtgatacca	tgagccattt	240
ggcgatgctt	tctactatgg	ccccnaaaag	actgggtaca	agggtttattg	gacgacgaaa	300
aaggcccgcc	tagagaacgg	gtttagtcca	gccaactacc	aaaaggggat	tggttaaatt	360
aaacgtggaa	cctttttaagg	ccagaaaagt	tttattaaag	gacctattca	atattttctt	420



tcttccaacc	ggaaggetgg	ccacaattgg	ccattcctta	ctaaaatgga	accgtggtgg	480
ctggacccaa	agccaccggc	ctgccttcca	ccgtggtaaa	agcaaccggc	ctgtgcaaat	540
taggcaaagg	cccccaaccac	acgccaataa	cccggttccc	acagaccag	acccgggatt	600
ccctgtgtgg	tgcccaggaa	atTTTTtcca	agttactttt	tggttttctt	atccgaaaac	660
cccatttaag	tggtccc					676

<210> 6389  
 <211> 725  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(725)  
 <223> n = A,T,C or G

<400> 6389						
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cagggtttga	agtatcacgg	gttcgctctc	ttcgtctttc	tctgttgect	ttacagtgtc	180
aaatctaaaa	cgcgcgccac	atcgagatct	gttttacttt	cattaacttc	ccctactccg	240
agtctcatag	cgccccaatc	tcttttgcca	gcctcagaat	ctgatcaatg	agaggattga	300
catcggcact	ttttaccggc	acccgatgtg	cgccatccca	ctccagaacc	cgaacgctgt	360
cgatgctaca	gtagtctgog	agaagctccc	ggtgaaagta	aagacctgga	tctgccaacc	420
catggacatg	tatggtgggt	aatttgagga	cgtgttccct	ttccatgaag	gcggctacgt	480
tccggagccc	tgacacatta	atTTgtgaca	cggtgggttca	caatcgaaaa	cttgaaaact	540
tccgatcaa	ggttactatc	ggcctgggtc	gcccatacca	cggngaactc	ccagtcggac	600
cagttggcgc	cgtctagttt	ctcgctggac	ttgttgcgga	ctatagctcg	cgcagcttgc	660
gcttgctgaa	cccacatcca	ccatgactgt	gcactgacga	cgtcttgtat	gcagcttgac	720
gatgg						725

<210> 6390  
 <211> 719  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 6390						
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gcgctcccta	accgctgcc	tccgttcgag	gccgacatct	cttctctaca	agcaacaacc	180
aagcctcctt	gcgacccaat	atatgaacag	atcctccatc	cgcagctacg	ctagcaaacc	240
ctcgggaccc	acgaaggctc	agacccaac	cgcaacgcaa	gccccctccg	actttgacga	300
gatactttcc	aaactaaaca	tcaacaaccg	cgaatccgcc	gccgaaggct	caactgaggaa	360
ccgtccttct	gaagaccccc	tctcgtctct	ccgcgcggtc	ggcatgtctg	cagaaacaga	420
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gacatgcacg	gcgaataagg	ttcggtacca	agccaatggg	cagagttcca	catcagacgg	600
ggacaagtga	ngaagaactt	gangatggag	agtggaggga	gctgggtcaag	ttctcgttcc	660
agaagaactg	taagtccgat	cgagaagatg	agaactcagg	gattgtaaat	gtggttggg	719

<210> 6391  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 6391  
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 accccattgc cctcgggcag gtccgaggca aagaccacgt ctgaagaaca ccagcaggag 180  
 caggtagacg agagtaacga agcaagcaag gaagattttg aagaattaaag tgccaatgat 240  
 gggacaactg aattcgatga tgacattgat accgacgagc tgttcagttt ccgaggccga 300  
 gaccagcatg ccgaggacgg tgagcttgaa gggctggagc gccagattga gaatggagta 360  
 tttttaggcc gccggatgat tatcatcatc cttcgagcat tcggtgcctg ctgcggacct 420  
 aaggaaagtca tggaggtctg gctgcatatc gaacgacttt ggcaaccaaa aaggcgcaaa 480  
 gcgctngacg tcatggccgt gaaagaagag ctggagaagc agataaacia aggcagtagg 540  
 agacactgaa gtctgactga aagaaatcag tgcattgtaca ttataaacct gttatatata 600  
 cccctcaagt gcataccatt tgatgacagc tttttganaa aanannnnnn nnnnnnnnnn 660  
 nnnnnnnnan aa 672

<210> 6392  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 6392  
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 gactgcacac aatgagaccc tgactcaggc gacaaagtca ggactggcgg accccgctga 120  
 ccgcccgcag tcctttgctc tcaatctcgt tgagaatccg ctgacgcgca gctctccaga 180  
 gcaggctggt ctcgatgccc gagctttcgc cgagtcgcac cagatggcgg agcacgcaga 240  
 tctgtttggt cgcgcgcgtc tggctcgcgcg ggacccccaa cgcttcgaga tgattactga 300  
 gctctctgag gatgagcgcg ccgccctcat atatgagcgc gatcacaaat ggcacggccc 360  
 cttcatgctc tggtagctga tcgctttgtg cgcgcgtcga gccgctaccc agggatggga 420  
 tcagacggga tcgaacgggtg ccaacctgtc cttcccgcag gaatttgcc tggttggaac 480  
 agcgagagct gaatggatcg tgggagttat caatgcgac atctttttga ctgctggtct 540  
 tattggtgcc tttatcgtcg atccactgan acactactta ggccgacgaa gagagatttt 600  
 tgtcacggct tgctgtctca cggncacccc aattggctcg gccttttgca natcatggca 660  
 gggacttttc gccg 674

<210> 6393  
 <211> 723  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 6393  
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 cgcatacgac aaaatgatgg atgacatgat cttaaaacag gtcgagagca ttagtttcga 180  
 agatccgagt gacagcgacc agaattgagc ttgtgtggat gaagcaccgc cgcgtcgcta 240  
 tgaaacgcgt cgtacccgcg ccatgagctc ccggggagaag cataccagca acatcccaac 300  
 cgttcgtgct cgtgatgcag ccgctgctct ttctggcacc gaacgcacac tccgacctag 360

gcctgtctca	attccaaagc	ccaagccgag	agttgcgtcg	tccttatttt	cgtcgagaaa	420
gcccaggacg	ccaactaacc	catcatctat	gcatcatgcc	gcggccgtgg	ttaaactctaa	480
aacaacagtc	gggtatacca	agggccggga	cgtgtcgtgc	aagctacatg	gcaaacctgc	540
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ccgaccctct	tttgaaccga	tcgggctntg	ccatgagcgg	atactaacgc	ncatttgaga	660
atgctcctgg	gttaagaaat	gagggagcta	attccagtga	ccttggacga	gggtatgagc	720
cgg						723

<210> 6394

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6394

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ccatctatct	ttggttactg	tcggctcggt	ttcttgcccc	gggtccagat	tcagcgcctt	120
cagtgtggta	ccgttcagtt	accgaaatca	aaagcacggc	ctcctgggct	aattagtttt	180
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tttgttgata	tctgggagca	gaagttctat	gtggtggact	tagccaaagg	cccagactca	360
ttgaagacta	ttgatacgtc	tgcttccatc	ggggtaactg	ccaacatcaa	agattctggc	420
gatgcctaca	acggccagat	aattgtagcc	gcaaaacatg	gatatgctct	tctcgnacgc	480
gccacgggtc	agctctcgta	tatctctaag	gttttgggat	gacagaagga	nccagagaga	540
gcccgcata	gcgtttcaac	gacggggcag	tcgacaggca	tgggcgattc	tgggcggggt	600
caatgaatgn	acccaaagtg	cagtcctccg	tcaacgaggc	cgtcntttcc	aga	653

<210> 6395

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 6395

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tatgcgtaaa	aacggaaaaa	actggcacga	taacaaaaag	ccgttccgtc	ctaacgctgg	180
tctgacctcg	tacgaaaagc	gactggaggc	tcgcaagcac	ccagaaaagc	gttaagacac	240
gaaagagacc	tcaaggagaa	gagggaggcc	aaccggaagg	gcattatcag	aaattaaagg	300
accttaggct	caaaagaaga	aaaaggaccc	ctccaaaaaa	atggcggaag	aaaacctatc	360
aaacctttga	accaatggac	ccttaaggaa	accgcacaaa	atgggttaact	ctgaattgtg	420
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ttattttccg	ggtgtattgg	gggggaaaag	ccccttttcc	tttttatttc	ccccgcttta	600
taaattgctc	ttgggggaat	aaaaaacaag	agtgtcaaaa	gagagatttg	ggggaaaaaa	660
aaaaaggagg	gtgggggata	taag				684

<210> 6396

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 6396

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gcaacagtcc	tcttttctag	acatgagcgg	ctcccaaata	gatccagtca	cgtgggataa	120
cagtgcctcc	aacatgacca	ccatggctca	accaatgtcc	gataactggc	ccttcgatat	180
gatgtctatg	aacaatagca	tcccatcggc	agatgttgag	gcttcggggg	atgcaagtgc	240



gtgaaaggtc	gtctgcgcgg	ccatatggcc	cgccaaaacc	ctcacagcaa	gacattcatc	240
gaagccctga	atgctgcggg	cctaccatct	gcttcgccat	tgcagcaaga	agttcaagtt	300
ctcttcacgg	ccaatccgca	ccactatgtg	actcctaagt	tctacactga	gactaagcca	360
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acgatctacc	acgatagctc	ctctcctgag	agcgcggagt	atctccagaa	gcagattcaa	480
gatctctctg	agcttttgtga	aacgtctgtc	atggggtaca	ccggagaggg	aaggccggcc	540
gaattttggg	aagggactgg	agccgccgaa	cgggcttttg	tacctattaa	acaaaccatc	600
tgtcgtcctg	agaacctcca	tctgctactg	cgaggccgat	ctcatataac	gcacttcctt	660
tcactcaaac	tcatgactac	atctgtttctc	gtcacccccg			700

<210> 6400

<211> 1154

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1154)

<223> n = A,T,C or G

<400> 6400

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ctggacgcac	acgcatgggc	caaattaagg	ctatcgctgc	cggtgcagga	actggtggaa	180
caatcactgg	actgtctcgg	ggcctgaaga	agcataaacc	cgctatcaag	gttattgcgg	240
ctgatcccca	tggttccatc	ttagctttgc	cgccttcaact	aaatgaagat	catgtaaaccg	300
aaccatacaa	ggtcgaagga	attggatatg	atttcattcc	ccaagtgtctc	gaccagcagg	360
ccgtggacca	gtggtacaaa	actggagata	aggattcatt	ccagtacgct	cggcgggttaa	420
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aagcggcaaa	ggactacaac	ttcgggaagg	atgatgtggt	tggtgtcatt	ttgcctgata	540
gcatacagaag	ctattttaact	aagtttgctg	acgatgactg	gcttgctgct	aatggactttt	600
tgacatcgcc	tccggtcgaa	actgcggacc	tgcctcaac	actgcagcca	cacgaacaaa	660
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agtccaatac	cccttggtgaa	actgccatcg	aaatgatgcg	agaccgcgga	ttcgaccaac	780
taccagtgtc	tgacaccttct	ggcaagaagc	tcgtaggact	agtgactcta	gggaatgttc	840
taagtcgact	cacccacgga	cgtgctactg	ggaagagccc	tgtgtcagat	gttatgttca	900
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cgctagggaa	agcggataac	tccgagttccc	ggattaaaga	ccggaaatnt	gtggagaata	1020
ctatggacac	gcctctcggc	gtattgaatc	gcttcttcga	atggaacagt	gctgcggtcg	1080
ttactgagag	ggatgaaan	ggagtgatga	gaccagggtc	agtnntgcaca	naggtcgatc	1140
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<210> 6401

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<400> 6401

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atacggcgac	atcatcaagc	ttgtcgggtg	tgcaagaagt	ctagatgata	acacggcgct	180
caggaaatth	aagagctggg	cagaggaagc	acacgagact	ccattaatcg	ctatcaacat	240
gggcgacaat	ggacaactca	gtcgtatcct	aaatgggtttc	atgaccccg	tgtctacccc	300
tagcctacct	ttcaaagctg	ctcctgggtca	actctctgcg	accgaaatcc	gcaagggggt	360
gtccctgtcg	ggagagataa	agcaaaaagaa	gtttgcagtg	tttggcacc	ccgtctcagg	420
ctctcgtctc	ccggtcctcc	ataacaccct	cttctcccag	gcgggccttc	ctcatgagta	480
tggtcgtttg	gagacggcga	acgttgaaga	cgtcaaggac	ttcattcggt	cccctgattt	540
tgggggcgct	tctgtaacaa	tccctttgaa	gttggacatc	atgcccttac	tagaccacat	600
cacaccagaa	gccgaaatca	ttggcgccgt	gaacactatc	atccctgtcg	ctgatggaga	660
ca						662

<210> 6402  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

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 accagactcg tgagcagatc ttcaccgaaa agtcccagaa cggctcttctc agcaccacca 180  
 aactcgcgtg ctttgccctaa gcttcgcggg caaccccatg actatcagtc gacggaatag 240  
 acaccgagag gtgggggtgag cgtaactctga gatttttagac cctctggaag ctgctgccga 300  
 tcaaaaagtc ctttcgatat atttctaacc ttgtggcggg tccacgaatg agcacgggtac 360  
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 gtgcagccaa tggtatgtca ctcttcttgt catcgacggg catggaatgt cgctgagcac 600  
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<210> 6403  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 6403  
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 ggttggttgt gagtgctgca tgatcttgga ttcattgaatg aaaaagtcctg actttttcca 180  
 gcgtgggttcg tcgcggccga cttctccttc gcgattcttc catgggttcac catctgggat 240  
 ctcaacatga agcaaaaagga gaagatcacc gttgcctgcg gtctcagcct tggaaatcttt 300  
 gctggagtat gtggcatcgt tcgcactgta gccctgtccg gcctgaatgc atctgagtac 360  
 atctatgata ccgtgccaat gctcatctgg tccgcaaccg aaagttgcgt gacgatcatg 420  
 tgctcgctcca ttcccgctct ccgtcctctc tacgttcgcg ttaggtacgg cacgaaggat 480  
 gaaggcagct ctggcaaacac ttcctacaaa ctgccattgt acgggagcgg tcgcaagtac 540  
 ggcagacttt cgaaatccgg acttgaccct ttcgtcgtcg aaacgatcgg cggatccctt 600  
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 gctgcaggca t 671

<210> 6404  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

<400> 6404

002229"6556550

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tgatgtctta	atcctcgaac	aagatccgtc	cccaacgcga	gcaagccatg	aatctggcgt	180
ctccattgga	ccgagcgtgc	tcgcccttct	caagaaatac	gacgccacag	gcacaccacc	240
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agcctggcac	catgatata	gtaattgggg	cagtctctac	ttgatcctca	gggcgaatgt	360
tgatgggttc	gcttcggatg	tcgtaccgta	tccgccccca	gggaggaagg	gggatgggac	420
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tatgaatggt	ttacatgtgg	aagctgaagc	gagcangggc	tcaaggcang	ggatggaggt	540
caagaaagag	cgtgctgaaa	tggtgattgc	cgcggaacgc	gtgcattcga	caatccgacg	600
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<210> 6405  
 <211> 811  
 <212> DNA  
 <213> *Aspergillus oryzae*

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gtatcatttt	acacgccctg	cgtctaagaa	gcccttcgtt	gaccgaagtg	aatcaactggc	180
gcctttaata	tcctttccca	ttactttaaa	tctccttcgc	tccccccaaa	gctgtgtcca	240
gcctccacct	ccacaatgat	ccccactgcc	cgtgctgccg	caagacccaa	gttgagcctg	300
agcattttctg	ctgcgcagaa	tacctcacgg	cctacattgt	cgctcaagtc	cccaggctcct	360
cttccccgga	ctccaatctc	cccgtctgcc	gccagtccca	gttccgcccg	gttctcatct	420
cttcaagtgc	cgagtttatg	ctacgtcaac	tcatgttctt	cgaagagcat	tctcaagaaa	480
cagtcgacag	cggtcgcagc	tggcaccgtt	aacaaacgaa	tccagttaa	atgcacaccg	540
accgtccact	gcgtgacgcc	tattgagaat	cctgaggagt	actacggtac	gcacaccaag	600
atgtcgcgtg	aagagcggcg	ttggatgggtg	cgcgaaatgaa	ggatcgccga	gaaaactcgg	660
agagaaaacc	tacgcagacg	gaacgagagg	actcctcaga	gttcagggtc	tcgtcatccg	720
ttgagagcct	atttcccgcg	accgtgcccg	gccctaattc	tggatcgaca	atgcaacttg	780
cagcacagat	gccagaagaa	gcctgtgagg	a			811

<210> 6406  
 <211> 634  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(634)  
 <223> n = A,T,C or G

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gaaccaccaa	acaaacggca	tcatggccgc	cgctcgagat	gcgccgaaac	cccaaatacga	180
ccgtcagttc	acaacaccct	tccatctgaa	gctttttctac	cgcatgaaca	acttccacca	240
cctgtcagac	tttgctcccc	agtcgtcgcc	tgcatacatc	gggggtcctg	tcagcggccc	300
caatgccatc	cgggcgcgct	ccccctcccc	gccgcgcgtc	cctgcccacc	ttcaaattta	360
cacctggcag	tcctgctcac	tgcgcgagtt	gtcacagctc	ctcacatccg	ccttgccgtc	420
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anagaccgca	gcacaaatgg	gacccgaggc	gcgaggccga	taccttagca	aggacatang	540
cagtgtgggt	attgggcca	aggacagccc	gtaccgcgat	gagaacgacg	aagaaacagt	600
gctcctacgg	gacnctgaa	ccgacctcta	cggg			634

<210> 6407  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(667)  
 <223> n = A,T,C or G  
  
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 gagacgagga tgtgattcga gactttatctt acgatctgaa acgtaacagt cgaaccgcat 180  
 atgttcggaa ggaagaggca tcgcgagcca tgcacgagga gcatgagcga tcccgatacg 240  
 atgaagcgcc cgctactcgg acatctacta ccccttccac tggctccacg gggtcattgc 300  
 ctggnctctac ccacgaggat cgtgttgccg ctgcaaggga acgtgcgcag aagcgcacgc 360  
 ctgaacgaat ggcagctgct ggcctcaagc ctcacaanta caccgcgtaa acccttctca 420  
 gcgtcaggaa cgcgagaaaa agaacgcgag gcccggtgaa agcaagcgga gaagaagatc 480  
 caggcgcgag caagaaagca gcgtcgactg gccgaagaac aggtggnctca atggcgccac 540  
 ctgctaaacc agcgtctaga aaccctcacc ggttcaactt cgagacgggg cggactgaca 600  
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 agcaacc 667

<210> 6408  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G  
  
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 gcgcggctga agagcaggcc aagaaggccg cgcccgctgc tatgaacttt gaagagagaa 180  
 atgagacgat gcctgatgct cctgctcagg aggaagcccc cgctggcgac aagcagtaaa 240  
 cgcctcgctc ctggtgcacg ggtcattcct ctcacctta atctctata ttatcattga 300  
 acacagctct cgcatttgca gactgatgcc aatacctatg aaccaaattc aatgatgttg 360  
 tgcgcgaggt tgcttttttc tatcattacg atgccccact tggntttctt tctttctctt 420  
 tttcgattgt cgacatgacc tggcaaaatt catgtagaac gagatttctt ttggttctcg 480  
 tgtgtcgccg atggcgtttc tgtttcccc cgtgtgcct gcgaggatgc tggcgaagtc 540  
 gtgcaccact gctgaatctc ggcaccgttg tcggcgcatc cccttncatt cgctggcgac 600  
 cggacctaca taaggcgca tcatggcacg cgagacggta ccgaacatag atatgacatg 660  
 tgtggataga ctttgggctg cgc 683

<210> 6409  
 <211> 692  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6409  
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 gagtgaata ctctgcgcaa attaaccagt tcaacgtatt tcgaaataac cacacctttc 180  
 aaaccccaag tcaaccactc aaccacccaa aaccgagaac agaaagaaag aaagaacaa 240  
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 tcgccgtaat cggctacatc acttattcga tcgtgcaaga agtaaccggg aacacgaagt 360  
 ccaagatgga gaagaagaat gtcctatgga caaaggacgg catgaaggtc ggggtgaagg 420  
 agataaataa tgaggattat caggatcgga ctcagagtgt tctcgtgaat atgtggaatc 480  
 atacttcggt tccggcttat aagagtcggt tgtggaatat gacgcagccg gcggtgagg 540  
 tgcagcaggc tgagaagagg aagggtaaaag tgattgattt ccttaccttt ttctgtgggg 600



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tctcgttcat gctttctggt gggaaacctg gg 692

<210> 6410  
<211> 695  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(695)  
<223> n = A,T,C or G

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cgccccaga gtccaaaccg ttcgatagtt ttaacctgcg attttcacc catcaactgt 180  
cacagaatcc ctcatcacgc catgacatga aacttctcct catctccgtt gaccggaagc 240  
gaacacaatc ggagatggac ttgcccgtcgc cacctgtcac tccctacaca ggcaacaaaa 300  
aaaggaagtc aaatgcatca aagcaggtcg agggagatgc ggtagtgtggc tcttcaagg 360  
atcctgtcct tttccctcgc caccgatcgc tcacagaggt tgccactgat gagccgttgt 420  
tcggtcctat gcttccgaca gagacggaag cattgggtga gcaacacatt aattcccaca 480  
tggcaagatt tgaaaataaa ttaaataaac cgacacgcga tgaatatctt ctagctcttt 540  
cgtgtgtgcc aatcgtttca gctcaatata atcgcaacct aagagcatgg ggctaaagag 600  
gagcgagaaa cgctcgagcg caactaatta tgatgaatcg ctgcccgtccg ccacgttgga 660  
agnaaaatta agaaaatcgc cccggggccgc taaaa 695

<210> 6411  
<211> 674  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(674)  
<223> n = A,T,C or G

<400> 6411  
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ctctcctcac tcgaatcaga acgcccgtcta cttggcacgg agtggaaaca acatcagacc 180  
gaagaatgaa ttgctgaagc ggccaacccc cctaacttccc taccaccccgc gctccagtca 240  
aggtgcccac acaccctgtc ggccccttcc ggacccaacg ctctatgcct cgaaacccgc 300  
caatcaagaa agccgcgtag accgcttctc cgcatacaat cgacctcgcg tagcgtctaa 360  
gcccggacact catcgccac gagactacac aacaactgcc gaggttgacg cataatatag 420  
ccggcgcgca gcggcacgag caaagaccaa agcacgctga tgggcctaca agtcattgct 480  
cgaacgtgaa atggagcgcg agcgcaagcg ccancgtcag tgggaggaga accaaaagca 540  
actcaccagg ccgttgccaa cggctataag atggaattct ggtgttgggc agggacagg 600  
accttggtat tgcaaccatac ggctataggt cggggcaacc agattcgggc cgccatggcc 660  
tggtattgag gccc 674

<210> 6412  
<211> 664  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 6412  
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agccatcacc tacctcagga ctcggtgtg aacgatctaa tgcttcgtca gagtctaatg 180

caccaatccc	agctgcaaaa	ccccctgaat	ggatccagct	ctatatcctc	gtggataccc	240
tcgtcaaaac	ccacatcgca	ccaccgtctt	tctggcttgg	ggtgggacag	cagaggacca	300
ctggatgctg	caagctctcc	accacccctg	agtgcaccca	gccagaccat	tccaagtggc	360
ttggccaatg	cctcgtgggc	aaatgatgcg	ttcctcgcta	acacgctctc	ctcaggcgca	420
agttacccca	actctgggtc	cgggtggcagt	cgcaagtccg	ctaccagta	cggtgccatt	480
ggtcaaacac	ctccctgcgg	acatggaggg	tgacaccgat	ctcttgatga	tctgaagttg	540
gggaacaagt	ctccgagagt	cttttgagac	aaaagcacac	acgccagaaa	cccgggtgta	600
agctttgggt	acttggtctc	cgaattgtga	gcgttcgaaa	gcccacggc	gaagattttg	660
cact						664

<210> 6413

<211> 1112

<212> DNA

<213> *Aspergillus oryzae*

<400> 6413

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cacctatcta	cccccttagt	cctagtcatc	actacttota	ccacccctac	gcagagagcc	180
accatcacca	ccaccatcct	taccgggaaa	gttcgggctc	ctcgcaagac	caggcattct	240
tgccatatcg	accacggtcg	acggagtcct	cgccagggtg	gtactctcgg	gaccggtacg	300
attcggctct	aagcagttct	agcaacgccc	cagaacggcg	acgccccctc	cgaccaaaagt	360
acgaggaaga	ggaaatgtac	ttcatttggg	atcacccgct	ggatctgtgc	caagagtggg	420
aagaagtgcg	tgagagcttt	aaccgacaat	ttcctagccg	gcaacgacgc	ggattccaag	480
gaatccaatg	caagttctac	cgattcatca	aggagaagaa	gtgtccaacg	ctgcgagagc	540
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caccacgatt	tggcgtcgtg	gaatggatgg	gagcgtggta	tccttggtatg	cgagagacca	660
aagaacaagt	tctaagtoga	cgtattccac	gttgaatttc	ctcctcttct	tttcttgtct	720
aaaaattctt	acctccttca	ttcctcgact	tcctacggat	cctcctccca	ccttgaaaaa	780
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catcacatta	tcattgtttt	tattctggat	tggaaaggaa	tccatggaga	ctgtcatttg	1020
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<210> 6414

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 6414

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atggagccag	aaccgcggtt	accggtggac	catgtgtatt	atttcatcca	aatcttcgat	180
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aaccagcaag	ggttacttgc	caaccctgat	cagctgggtg	ggtatctgtg	ggctaaaatc	480
ccgaaccac	ccaccaagc	attcaccggg	tttcagacca	tcgaagcgtc	attcaccaat	540
gaatttatag	cgttgagtta	aacaagggtta	ctatcatggg	aaaggaaacc	cctttttgat	600
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<210> 6415

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6415

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agaagctgat caaatatgga aacacgagtc ctgggtccag atcgacggct tctctgcgcc      180
tgtagagatt ggccgcgtcc cgcgcagggc gttaggcttc tttccgcgct caaggcggaa      240
gtctgtttcc tatactgatt ctgagattcc ttcattctct ggacgcgaga gaaccccgac      300
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gcgccatcaa cgccaacgca gcaatataca attagccggg cggggagttg gcacccttga      480
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catctaccga accttggccc cactccact ccaccgaaaa ttccaagact ccaactgagta      600
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<210> 6416  
 <211> 570  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(570)  
 <223> n = A,T,C or G

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cactccgaca acaaccctaa gcagggtttc catcctagcg ctggtaactc ccagccgctc      180
acagacaagg gccatcaacc cggccgcaag gtctctctta aagactatgc ccctgagttc      240
cacgcagaga catatcctcc tggaacggct cccgctagca actctttaca ctcccaacac      300
ccggtcggag gtgggaagcc aggtcagaa tcccaatgtt gagcgatctc acggaaagga      360
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<210> 6417  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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tctgggaccg ccgttgagga ctccgaagaa aaccggaaaa agccagccaa agcggccgaa      180
gccaaaggta aggccgacgc cgaagctgcc gcaaggaga ggagcaggtc gcagcgattc      240
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aaggccgatg ccgacaggag agcccgtttg cgcgcgcccc agaaggatgc cgatctcagg      360
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<210> 6418



gtgctatggt tncgttgga tccc

684

<210> 6421

<211> 1410

<212> DNA

<213> *Aspergillus oryzae*

<400> 6421

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tgggtcacga	agatgctggt	tatctggcca	agctcgccga	gcaggccgag	cgctacgaag	180
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gcaatctcct	gtccgtcgcc	tacaagaacg	tcacgtgtgc	ccgccgtgct	tcctggagaa	300
tcgtcacctc	tattgagcaa	aaagaagagt	ccaagggcaa	cgagtcccag	gtcaccctca	360
ttaaggagta	ccgtcagaag	atcgagtctg	agctcgctaa	gatctgcgat	gatatcctcg	420
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acctgtctcc	tacccacccc	atcctgtctt	gtctggctct	taacttctcc	gtcttctact	660
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cgttttcgta	tcatacaatc	tagggcaaga	tggaggcttt	ctggcgccac	agcccgcgga	1080
tggagattcg	ggttcttgat	gattttcggg	tcctctgctt	tctgtctcta	acgcagttca	1140
ctttggggcg	tggtcggtt	ctgcccgtgc	accgattctc	catctgtggt	tcaacttttc	1200
gtttctcgca	tgatttttac	cttattttcc	ttttaaattt	ttttgcctat	tggctcaact	1260
acccaaagaa	tacctttccc	tgttacagac	tcgtgcccc	tcaaacatca	gtgaaattat	1320
tttccctttg	caaggcctgg	actataacct	gaacattggc	tttgggttcc	tttcgtgccc	1380
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<210> 6422

<211> 1141

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1141)

<223> n = A,T,C or G

<400> 6422

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ttacaccggt	cgcaagatcg	gccaggccaa	caccctggag	caccgtgtct	acatcgagaa	180
ggatggccag	cccgtctctc	ccttccacga	tattcctctc	tacgccaacg	aggagcagac	240
tatccttaac	atggtcggtt	agatcccccg	ctggaccaac	gccaagcagg	agatctccaa	300
ggaggagtcc	ctcaaccccc	tcaagcagga	tgtcaagaag	ggcaagctcc	gttacgtccg	360
taactgcttc	ccccacaagg	gttacctctg	gaactacggt	gccttccctc	agacctggga	420
ggaccccaac	actgtccacc	ctgagaccaa	ggccaagggt	gacaacgacc	ctctcgatgt	480
ctgcgagatc	ggtgagcttg	tcggctaccc	cggtcagggt	aagcaggtca	aggtccttgg	540
tgtgatggcc	cttcttgatg	aggaagagac	cgactggaa	gtcatcgtca	tcgacgtcaa	600
cgacctctg	gtccttaagc	tcaacgacgt	tgaggatgtt	gagcgccacc	tgcttggcct	660
cctccgcgc	accaacgagt	ggttccgtat	ctacaagatc	ccgatggca	agcccgagaa	720
ccagttcgct	ttctccggcg	agtgcagaa	caagaagtac	gctcttgagg	ttatccgcga	780
gtgcgctgat	gcttgggaga	agctcatgac	tggaaagtct	tccaagggcg	agatcagcac	840
caagaacgtc	tcggtttgca	actccaccga	ccgtgctgaa	cccaacgagc	ttggcggcat	900
tccttaaggc	cagaaccttc	cccctgcccc	ttttgttg	agcgttgaca	agttggtctt	960

taattttccgg	gctgctgtgt	aaatttggtcc	cactaaagga	aattaaaatc	ccccacatct	1020
tggattctac	ttatgaaccg	aagtcccctt	atTTTTtctg	TTTTttggcg	nagaaaaaaa	1080
caatacaaat	aatatttttt	ctggggggccg	tctcaacttg	tctttataag	ggcgccctttt	1140
t						1141

<210> 6423  
 <211> 580  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(580)  
 <223> n = A,T,C or G

<400> 6423	
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cttgtgaatt	ttttccaatc
tcatattttt	ttttttgtaa
catcttgagt	tcagttcatc
acaccatgcg	tatcactgtc
agcttgaggt	gggggggggac
cctccgttcc	cccgagcgcc
cacgtaccct	tgaacaggtt
tgggaagtct	taagggccca
	cccgactggt
	ggcggccttn
	60
	120
	180
	240
	300
	360
	420
	480
	540
	580

<210> 6424  
 <211> 706  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6424	
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tacatgacag	ggatatTTTT
tttcgtattg	cattcaagat
ggatgtttca	caccccgctc
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ccttcacgct	ctactactat
cttcattatt	catcttattc
ttacatacac	ttactcttat
ttctctccat	ccatacacct
ctcacatgac	cgttccctct
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tattactacc	gtctctctcc
	tccttcacgt
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	180
	240
	300
	360
	420
	480
	540
	600
	660
	706

<210> 6425  
 <211> 640  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(640)  
 <223> n = A,T,C or G

<400> 6425	
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	aagagtagca
	tccaatccac
	cttgaatgat
	accatcgaag
	60
	120
	180

cggtctgattc	cgtctttaat	taccacacca	cccaaaaggc	gtcttcaagg	taccaaatcg	240
agaatggact	ttccaccttt	ccttacatgg	gacaactaac	cgccaaaact	gaacaaaccc	300
aaccttcttc	tttcgcgggg	gccacggtgg	aacaatggcg	ctgcaacgtc	cattaaccga	360
gccaacgccc	atgtactgaa	ccaacccctt	caggatatgg	aaagggggccg	atgtaccttc	420
gtgccgcctc	gtgccagaaa	aatannntnn	tnnnnnntnn	gtnnnggttat	tnnnttntta	480
ttttatatat	ataaaagaag	aaaaaatnnt	ttntnnnnntn	ntaaggggggn	ntgnngnnng	540
tnnnnnnnng	aatatttggg	ggggctttat	atccttaagg	gggccttttt	ttttatatgt	600
tgtcccccta	cccaccccc	ctctccaaaa	gccatagaag			640

<210> 6426

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 6426

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ctcgcaagcc	atcatgtccg	gatttcccac	ccttaagcct	gccttcaccg	ttcgggtgaa	120
catagatgct	cctctagcag	ttggcagcgc	ctctcgggtc	aacctctg	aggttggtg	180
aatgaccgga	ggtaccgtca	agggtgactc	tggtttctcc	ccgcgcctcg	acgcogaatt	240
cgtcgggtga	ggcaatgact	acatccacgc	tgatgccgat	ggcaagcacc	tgcgattgaa	300
tgcgcatgga	gttcttaaga	ccaaggatga	tgctctctcc	tacctgaact	acaccggtgt	360
tgtcaccctc	acccccgcag	agcaggctgt	cttcgcgggc	accgcctcag	agggttcaac	420
gcctttcggc	aatatcttca	cccattttac	cttcgagacc	ggcgacgagc	gttacaagga	480
cctcgagaac	cgtgttttcg	tcggccaggg	acgcttcaac	atcgagagcg	gcaagccggt	540
cgtcgagtac	agagtcagcc	aggttcacca	tggttaagtc	agattctttc	acaatatcac	600
ggtaggacga	gcgtcaatcg	atgtatccac	tccaagcgga	atattaaaca	tatcctc	657

<210> 6427

<211> 625

<212> DNA

<213> *Aspergillus oryzae*

<400> 6427

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acccccagaa	cctacttttg	gtcattctcg	agccccatct	ctggccctgg	ctcgatcgac	120
ttcctatcaa	ctggggtaat	tttggtcgct	actctcggcg	cggctggtac	tttgccgacc	180
gaggcgagtc	gcacgcgcgc	tacgggtccga	tctgggcgct	tgctactccc	aaggaaattt	240
acatcaatgt	cgccgactca	aaagcaatcc	atgacatctt	tcaacgacgg	acggatttta	300
ttcgccccgt	ggaacagtat	accgtgctcg	aagtctattg	accatgtatc	ttcacggcaa	360
atacaaccga	ctggccacgt	catctaaaag	tgcttgcttc	ttctttaaac	gagagtgtga	420
tgtcctttgt	atgggatgaa	agtgtggagc	acaccggcca	catgattgac	atctgggcct	480
ctccagacct	cgataagata	tccaacgtcg	ccgaagatac	ccgcacacct	attgtgaaag	540
tctccctgct	ataagaattc	aaaaaaagat	tctttttttc	cctgggaatg	ggaacaatca	600
cccgagacaa	aatgactttt	gttat				625

<210> 6428

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6428

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aagcatggcg	ggctgtcgaa	atcgtcacct	agaattctgc	ccgcgcagggt	ctgggacgtc	180
gagagacaac	aggaaacaga	gcaggctcgaa	gagcaaggct	ggtgggcttg	gatcacatcc	240







<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 6434

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cgtgtgagac	ccctatacca	accggatccg	atgtcattcc	ttttctgatt	cgcctcaatg	120
ccgaccccca	gtgacaacac	accaagcctg	aatgccacat	cgatcgctga	agaaatatcc	180
actcggacaa	catgtccgcc	tgaaatagag	aggtgtgttt	cctggcgaga	ctcacctgaa	240
tctaccgtgg	cggagagcga	tgctcccgat	aacgcccctc	ccccaccat	tgcacggcg	300
cagtccgtgc	tgactcgggc	ggatgatgct	ataactcgta	ccaaccacga	tgatttaaaa	360
gccagtgtcg	tacctgggtg	ttctgcccag	agtatggaaa	aatccgacga	agatgctgct	420
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atattacaca	tagtactttc	tgcgacctgt	gagtaaattc	accggcacgc	aggantcaca	600
accgtcagat	atactatgtc	tatgtggaga	tcaagcatgt	cgatatggtt	gaaatagatc	660
tttgtgggaa	tcgtagaaat	cca				683

<210> 6435

<211> 572

<212> DNA

<213> Aspergillus oryzae

<400> 6435

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atacggttgt	tcacagtcga	gagagcagcc	agcttcatcg	ccgtcgcatt	ggcgaccata	180
tcagcctcgc	agttttgttg	ctgctgctgc	tgctgctgcg	cgaaagtagc	tgtcatcggt	240
gtgttggtca	tggaagccca	gctggcatta	ccaacattgt	atggcgacaa	aagaggagcc	300
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gcctggctga	actgccccat	gggctgatgg	ccagaggacg	acttgggtcg	agcaattgga	420
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gtgtatattg	tctggagcgg	agatggtagg	tgcaacgaac	gaagtccgat	cgccgaatac	540
agcgcctcgc	tgccggattg	tctacgcata	ta			572

<210> 6436

<211> 1653

<212> DNA

<213> Aspergillus oryzae

<400> 6436

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tcgcacgagg	cctcctccat	ctccttggtt	cccatattat	ccatttcgta	gatggtttct	120
ccatctttgc	gtctacctta	gaccatctct	cctcataaac	gtcaggatgc	cgccttccag	180
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tggcccagct	gcacccgctc	aggtcattca	aaatgtgtcc	atgggtgtcc	gggcattctt	660
cctgtcttga	cagaaggctc	ggtttgatgg	catcgcgaa	gttagcggaa	acaagaagta	720
caaagccgtg	agcgcaactc	aagatcagcg	cgagcgggag	atgaccggaa	tccctcggac	780
tgcaccggga	tcatttggtg	acttccagct	ctcccctacc	atcactgcct	ttggtctgca	840
gaagaagttt	gatccatccg	gagccttcgc	ttctgatacc	atcaactcag	acggtctttt	900
ggacttcctc	tctgccgact	ttgcgcgtgc	tcttaaggac	ttggccgctg	tactcaacga	960





<210> 6442  
 <211> 716  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6442  
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 ggtcgcaagc gtctgagccg tgctattacg tacgcccaga agatcctcta ctctcacctt 120  
 gacaaccctc atgagcagga taticgagcg ggtgtttcct acctgaagct ccgccccgac 180  
 cgtgttgctt gccaggatgc caccgtccaa atggccatcc ttcagttcat gtcggctggc 240  
 atgcctgccg tcgctaccgc taccaccgtg cactgtgacc acttgattga cgctcacgtt 300  
 ggaggtgaaa aggatttggc tcgtgccaat gagatcaaca aggaggtcta cgactttcct 360  
 gcctccgcta ctgccaaagta caacatttgt ttctggaagc ctggctccgg tatcatccac 420  
 cagatcgctt tggagaatta cgctttcccc ggtgggtctga tgatcggtac cgactctcac 480  
 actcctaacg gcgggtggtc cggtatggct gccattgggt tcgggtggtg tgatgccgtc 540  
 gatgtgatgg ctgggtctcc ctgggaactt aaggctccta aggtcattgg tgtcaagctc 600  
 actggtgagc tgtccgagtg gaccactcct aaggatatca tccttaaggt cgctggcctc 660  
 ctactgtca aggggtggtac tgggtctatc ggtgagtacc acgggacctg gtgtca 716

<210> 6443  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6443  
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 acacagtcga ggagaaaact ttggagatcg aatttaacgg caagaagtcc gagtttggtg 120  
 tgatgcagac ctggcccgtc cgtgtacccc gaccagtcaa cgataagggt ccatccgacg 180  
 cacccttcat cgtcgccag agagtgtctg actctctgtt ccctagtgtg cagggtggta 240  
 ctgtttgtat tcccgggtgt ttccggtatgc gtaagactgt catttctcag tctgtatcca 300  
 agttctccaa cagtgatata atcgtctacg ttggttggtg tgagcgtggt aacgagatgg 360  
 ctgaagtgtt gatggacttc cccgagcttt cgatcgaaat cgatggctcg aaagagccta 420  
 tcataagcg tacatgtctt atcgccaata catccaacat gcctgtcgcc gcgctggaag 480  
 cctccattta caccgggtat accatcgccg agtacttccg tgaccagggt aagaacgtgg 540  
 ctatgatggc cgattccagt tctcgttggg ccgaagcgtc tcgtgaactt ttcggtcgtc 600  
 tgggagagat gccttgaaaa caggggttcc ccgcctacct ggttgccaag ctgcctttct 660  
 ttt 663

<210> 6444  
 <211> 1276  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6444  
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 ctttattacc ggccgcccag atgtcttctc ttccgcccgt ctatatgtt tcctctgccc 120  
 gcacccagc cggtctcttc ttggggctgc tctcaagtct cactgcccc cagttaggct 180  
 ctcatgctat taaagctgcg ctacgaaaag cggatggaat caagccgtct gatatccagg 240  
 aggtcttctt tggcaatgtc atctccgcaa acgttggaca aaatcctgct agacagtgtg 300  
 ctctcggcgc tgggtctcaat gaatcaactg tctgtactac ggtaataaag gtgtgcgcgt 360  
 ctggcttgaa agcgggtatt ctccgtgcac agaccatcat gactggcaat gcggatattg 420  
 tcgtagcagg cgtgtctgaa tccatgtcta acgcccctca ttaccttcca aaccttcgcg 480  
 tcggtgcgaa atacggcaac cagagctctg tggacggtat tatgaaggat ggcttgacag 540  
 acgcaggaaa gcaggaactc atgggcttgc aagccgagga gtgtgctcag gatcatggct 600  
 ttagcaggga acaacaggat gattatgcca ttcgcaacta cgaaaaagca caggcggctc 660  
 aaaaaggctg cctttttgac gaagaaattg cgctatttga acttcttggc tttaggggca 720  
 agccagggtg gactgtgtca caagacgaag aaccaaagaa tcttaaccgc gataagcttc 780  
 gagctatcaa gcctgcattt atccccggat ccggcacggg cacagcccc aattcctcac 840  
 ctcttaacga cgtgtctgct gctgttatcc tcgtctcaga agctaaactg aaagagctta 900  
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00229 555555

tcacaactgc	cccagctcta	gcaacttgac	tacattgctc	gggtgtattga	aagcgagaaa	1020
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cgaatctctc	gtctgagtca	tgccgagtcg	cccttgatct	tggtatggaa	tataggaata	1140
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gtctgctgtg	tggggcgaa	catcatcaat	gtaaataaaa	tgcttgaagt	tctgttcaaa	1260
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<210> 6445

<211> 1105

<212> DNA

<213> *Aspergillus oryzae*

<400> 6445

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gtaagacttg	gagcgaactg	tctcgcgtag	aagatacagc	caatggactg	ggcctgcgct	180
accagccggt	cctctactac	ctggaagagt	caattgggtc	atagcaggcc	ggtagcatcc	240
tgctagctgg	gagcagcatc	ccaacagacc	tcgcgaccac	acagatcgat	ctttatgctt	300
ctcgcgactc	tggcgtcaca	tgggagttcg	tgagccatat	cgctgctggc	ggtagaacac	360
ttcctaacaa	cggattgacc	ccagtctggg	gaacattcct	tcttgctcac	aatggaaagt	420
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acactgatcg	cccgggcatg	cccgttgtca	ccaagctgcc	aaccgggtgaa	ttcatcatga	600
catatgaata	tgggtcattc	ttcggcacct	ccgactatct	cttccctggt	tattaccgga	660
tctcagcgga	ccccgagaac	ttcctcgcgg	ccccacacca	gaagctcgtc	gtttcaagt	720
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ggagatatgg	ttgtgctgcc	ttctttgtga	cgatttagca	tgtagatggt	catcgaattc	1080
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<210> 6446

<211> 306

<212> DNA

<213> *Aspergillus oryzae*

<400> 6446

aaagggaaaa	accccccaat	taaagccacc	ttttttccct	tgggaaattt	ttccaaattt	60
tttccaagcc	ccccctttta	aagttcccaa	aaaaaaatta	aaaaaaattt	ttttttgtgg	120
gccccaaacc	ctttgcaaaa	aaaaaaaacc	cccaaccaag	ggggaaattt	gggtcccaa	180
ggggccccac	ccccggggaa	atttaaaaat	tcccctggcc	cccttaaaaa	ccgggggggt	240
taattccccc	ccctttttcc	cccggggggg	aaataaaaatt	ttccgttgcc	aaaaattttg	300
gttcgg						306

<210> 6447

<211> 493

<212> DNA

<213> *Aspergillus oryzae*

<400> 6447

agttatctcg	aaacataaga	tcgagtcgtc	gtcaaatgta	cttcttgcac	cagctttatc	60
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gtaccaaccc	ccttggaaca	gagggccggg	gtccagaatg	aaggtgctat	tttacgtaag	180
ggacggagag	acattacgtg	ctgcctctcg	gtcgcaacac	gcattgatat	gacgcgcccc	240
gtcgtgacta	cacagtatct	tgtgctgatg	acattagtcg	acagtgtctt	cacgagttga	300
tcaggatgag	tcgatgtgat	cgtgtcgatg	atgctgcgct	tatgagaagt	tcaccacgaa	360
tgatgacatg	actcacgacg	acttctttac	tttcacgatg	atcgacagtg	ctaccgtcgt	420
tacgatcatt	attacctcat	aggttgtgac	cgtaatcccc	gaccgattat	catcgtcgaa	480

cttcgacgac tcc

493

<210> 6448

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6448

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ctcaccgtga	gaagaagatg	aaggtgcttg	cgctgggcat	gtcacgcacc	gggaccatgt	120
cattatacgt	tgcactgaag	aagctaggat	acaacagcta	tcatatggca	gaatgttccc	180
tagaccaaca	caatgggtcg	ctaggcctct	ggacgaaagc	catcaacgca	aaattccatg	240
gcaacggtcg	gaagttttcg	ggcgagatt	ttgaccgaat	gctttggcgc	tatgatgctg	300
tgaccgatat	tccctgcatt	ctgttcgccc	aagaactcat	ggatgcata	cccgacgcgc	360
aaatcgtttt	gactacgcgg	ccggttgatt	cctggttgcc	gtctatgcag	cagacgtttt	420
atgcaatctt	aagttggaag	cgctgggctt	tgcttgagtt	cattgataga	tcctacatag	480
gcctatacat	ccctctcttc	cggtcctctc	tatctgtatg	gaccggcgga	aactggcagg	540
atacaagccg	tctccctacc	ggctntgaag	ccactatga	ccaagtccat	gctgccgcgc	600
gggcacgtgg	acgtaaagtg	cttgagttca	aggtccanga	tggtctggat	cctctctgcc	660
agtttctagg	aaa					673

<210> 6449

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 6449

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gttactttcta	tcatatgata	gagtccttga	acaccccata	ttcatatcta	caatcaccat	120
gtccttcagc	agagttacgg	ttcgctctcc	agtgcacatc	tccgccacga	tggtgcgctg	180
tggtgagaagc	ccctacaaga	ccccgcacca	tcgtctgttc	tcctcatatg	gaaatgcaca	240
ccggtcttcc	aagcgcgcga	tgcagaccgc	tactgcgtat	cgcccgcat	ccttgccgac	300
cgctttttcca	cctccccgga	gcggcggaag	ttacgcacacc	tctatcttag	cagaatttcc	360
tccgcttcga	aagacagcga	cacagcaacc	aagaatcttt	cccaatggta	gtcttagaaa	420
aaaagatgcy	caaagttca	agcccgtcga	attcaactct	tcaagccga	aaccgcgga	480
aaagctaaga	aggagcttcc	tgcaccgaaa	gccgctttta	aaattacacc	ccgagctttt	540
gttaaaatcc	gaaactatgt	ggttaacggg	cccaaattg	atccagtggg	gcaaaaaaac	600
cggggtgtgt	cggttttccc	tacccctaa	aacatggaga	aaccggggcc	ttttataaat	660
gggggaaaag	aagggttaag	ggn				683

<210> 6450

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(653)

<223> n = A,T,C or G





<210> 6453  
 <211> 629  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6453  
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 caaaagacgc ctataatat tacaactgtt ccacaagatc cctattcaat ggctgagaac 120  
 ggtgaagcct gctccacca gtttgccacg ccccgttctc caacaaagcc ccagccgacc 180  
 ttccaattgc aagcacctcc catccgtgta caacaagcga ctctaagac agaccagatg 240  
 gagtttctcg gccctatttc cgtcctacg gcttctggtc cggcatcaaa tgttaatcaa 300  
 cacatggctg ctgcgcctgg cgaacggacc tacgatgctg tgccgatccc caacgcgtat 360  
 tcgagtcctaa tgcgcccac gttccctcgt gcctccggtt aatgattttg acgtttaaat 420  
 agcactaatc aatgattaga atgtgtatat gcgcctgcac acaaaggcat ggaatgcaaa 480  
 gattgacgca atgtactttt tctcgatgac tatcttattg cccgttcctt tgttttcaaa 540  
 tggctgcttg gtattcgatt ttctcgaaag tttcaatcgc tctcatataa taactcatga 600  
 gattgtgtgt gtgcctgccg tgtgttctc 629

<210> 6454  
 <211> 581  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6454  
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 ctgcgctgcg attacttggg gaaatgtggt ggccaaagtc ccaactcgaa gttaatacag 120  
 gcgctgtcac ccgaatcgat ctctgagaca ggccatgtta aagttcgccc cacccttcag 180  
 ttatcggaca catcgttcaa gaatatttat gctgccgggg atatcgtaga tatggacaat 240  
 atcaagaatg ggagagcagc agtggaaacag gctcaggctg tcgcacagaa tatcgtgcga 300  
 tccatcaagt cgcagaatca gctcgagtac cgtccgcagt ggtgggaggg aatgacgaag 360  
 ctacacgtag gactaggtaa agccttgggt tggatgggag atggctcggc cgaaataatc 420  
 atgtccatga agtgcgagc ggaggagttg gacagcgcca aggtgtggaa gttcttcgga 480  
 gtgaagccat acatggatga gggcaattgg ttatatgatc atgtatgtag tgggtgtgca 540  
 taatagtagt gaaatggaag ccaagtcagt tgattgtaaa t 581

<210> 6455  
 <211> 639  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6455  
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 accggacttc aaatggatcc ctacactact cgcgtcgtcg accaggcggt cgggaagcta 120  
 ttcaacagcc gtcctgacat ggtgaggagg tggcacgacc accttgggct cacctccagc 180  
 ccttcttcgt tcttgtccga tcgccacact ccggtctctg agatgtcgac gatgacctcc 240  
 gcgcccagcg aagactcgtt cgatccgtac gcatatgcc aagatttcaa aggatccgcg 300  
 atgattgccg aacagttgga aagcaccagc ggtcgccccg attcccacct caacgatgct 360  
 ttgactcggc ttcggaacat gcgcgcctct ggccgtcatc ctcgctacat cacgtatgcc 420  
 aaactgatca ccgctgccgc caagtgtcat cgcaacgatt tgggtccatga aattctgagc 480  
 atggctcgcc gcgatgtccc tctcctgcac cagtatcacg ctgtcaagta cggttgggtg 540  
 tcaattcttg acgccatggg agcctctctc cttaccctta atgatcgag tctcgttcc 600  
 aagtatcacc aggagctttc cgaactcggc tccgctccg 639

<210> 6456  
 <211> 785  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6456  
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cggtcgccgac	tactagcccc	ggatcgccgact	actagccccg	ggtcggcccta	ctagccccgg	120
gtacgactaa	tagccccga	tcggactact	attaccggat	cggtttactc	attgcgggat	180
acgattactg	gcccagtcag	cgtgaccaac	cacctcagga	atggactgcg	ccggaagggc	240
cgtcaaatgc	ccattttgcgc	atgttcggtg	ctgtagtcag	ccgcgcgcgc	tcttatgttt	300
gtcgcagccg	cttaaggaat	gtgttatcag	ccgtattcct	catggcaggt	ggtcttctcg	360
tgacttcggt	cgatgaaggc	agacaatcga	catacatctg	ccctatcatc	tctggactac	420
atccacgggt	ccgggcctat	atgtctctcg	gcgttacatt	agataccttg	attctaatac	480
gtgtgtctga	gctttgtcgg	gagggtaaca	gatcccggga	tggtaggaaa	aagcaagcgt	540
tggtttcatg	gggctacagc	tttcttgggg	tagctgtgat	ctgtacaatc	gcggcgttca	600
tcctcagaaa	agtggcgcc	gggtgaaggc	ggttttgtca	actctcatta	tttacgaagc	660
gcagcatggc	aagggaaatt	agttgctttt	aaagtactgt	gcgcattcca	actaatggcc	720
tttttagggg	gcgggtggga	tctctataat	tggaagctcc	ggtatccatt	aatttcaggc	780
tggtg						785

<210> 6457

<211> 752

<212> DNA

<213> *Aspergillus oryzae*

<400> 6457

caattacgtc	tcttctcgat	tataattatt	gacgtttcaa	tatctgatcg	ttccgaccat	60
aaatatactt	aataaatcgt	gacttctgag	agagggttga	tccttttaac	catgggccat	120
atcatgctta	cgggagatca	tttccccata	aaatgaaatt	atggtagagt	gacacatcat	180
atttaccgat	attatgtaga	gcctctagag	acaatatcca	cggttgaggt	caggactggt	240
agtgccatga	gactgactat	ttgatttgat	gggacttaaa	cctgaaaatg	ttaaggatat	300
gctacgagaa	cctgtcaagc	ccatataatc	ctatggtaac	gggttttttag	aacccttca	360
aacccccacg	tgaacataac	ctcacactac	gctgttaaca	catgattacg	gtgacataat	420
gatgtaacca	aaatatcgc	aattatcatt	atttagttaa	acgatactga	agatgatgat	480
gccaaaatat	atactgaata	ttacgtgatc	tataatgatg	ctgaatgtaa	tgttcatggt	540
gtagaatatg	atcgttctag	tattagatcg	atgatgaaat	attacttcaa	tgatcaaaat	600
tatgatcatg	tacgtatggt	cgatgattaa	cgtattagtt	ctgtcaacga	tacttgatga	660
tgatggatgg	tcagtcatta	atgattgtga	atgtcaaatt	tcaaacggcc	ttctttttac	720
ataattatga	tgtgatagat	ataataaacg	cg			752

<210> 6458

<211> 589

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 6458

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acacgagggc	gagcttagcg	atgacgagga	aatgagccag	atcagtaatc	tcctgaacgc	180
gatcaagaag	cgaaatcaga	ttaaccatgg	agaagtgcct	tcgactgtct	ctacgacgga	240
ggccgaagcc	gcagcatcga	aaacatcgga	tgatccagga	gocgatgggt	ccgtcaacag	300
ccaagacacc	ccgatgaccg	acgctgaggt	aattttcgac	gatgctcagg	ccgtgagccc	360
gtagttatth	cttgtctgct	ttcttttctg	ttttctttct	ttgctgggtc	acctattctg	420
gaagtgatct	ttgatatact	ggtgctagcc	atgtcggtgt	ttgcctgggt	attctttgtg	480
ccttctccca	ctgggtttgt	tttatcttcg	ttaatttatc	cattttcggt	cagcttgatg	540
tgggatnta	acaattctga	tgtcacatta	cacatagcgc	aaaccctt		589

<210> 6459

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<400> 6459  
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 cctaaaggaa aatgaaacaa tgccggcccg ggacccaag cccgaacaat cagtacgaa 120  
 gcctaaggaa gcctttgaga aacgatcac agcttcagg cgagcggaga cagtatggga 180  
 tgttgatgat tctcccccact atcatttttc acggaaggag cgcgcgcgcg tgctcggtct 240  
 tcctcgtatt ctgcagcaga aggccaaagga agcccatcat tccgaggaga gtactgatgc 300  
 gcagcttgct gctgatcaaa actgttcaga agccacatca cttcccacgg aacaacatgt 360  
 tgaagcttct agagacgagc catcagagga tctcatcgaa aatagcaccg ctagaggtga 420  
 ctoggccct gatggcgatg tcgcaattgc actaaatcag gttcttgag cctggagtgg 480  
 aacaaagcgt gcattttacc ctgcaacctg ttttggaaaga ccattgggga cttcacagtc 540  
 ccgttatctg gtcaaatctg aagacagtgc tcccggtgaa gttccattg gagctgtgaa 600  
 acggctcgag ctacgggttg gagacgctgt gaaggt 636

<210> 6460

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6460  
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 aaaaagactg tcgcaacggg cgttgtgtgc tttacttcca tcgtgggtgc gcatgctgcc 180  
 gttctcgaca gtgagaagaa gatacgccaa agcgtggtgc cagcaggtag cgactggggc 240  
 ttaatcgact ctgtattctg ggcattctggc aatcaacctg atctaggggc agggctctgac 300  
 aaccgtcctc tttctcctgc ggagaaaagt gagccaacga tgccagctgc gcctcccaag 360  
 ccttcattcg gtttccctgg ggtcaagacg acgggctcag atggaaaaaa gcccggtaaa 420  
 gcgccatctt tcggttcatt cgcgtctgct gcagccgcag ctgggttcagc taagtcgacc 480  
 tctagtctgt cgactaacgg tccaagtgc cctagcatgg aagaaataac attaatgcga 540  
 ctaaagactg cgcancggga gaaagagcgc aaagctcttg aaagcaagct tcgaaagaga 600  
 tgangetgca nnatgccgcg agccgcngcc gctgaaacca tgctaattag catgttgttt 660  
 gttttt 666

<210> 6461

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 6461  
 ggcaactggg cacgggctgc agtgaaacat actcatatat gctgactacc cgtattgata 60  
 atctgcaccc ctccgttgta cggagtaggc ctgacattat tgcttatctt gctatttgaa 120  
 actgcgttgg gaaagaagcg aacagaacag agaaggggag gggagaagat gaaagcggaa 180  
 ccacacgagg aattggattt tgaatccctg ccccagctt tgcaacgaaa gttcttctcc 240  
 aatgtcgaac gccttcgtct agctcatggg gatcgctggg atgggttttc ctatcaacgc 300  
 cgcttggtta aagtgcctcg ccgcctcccc ttttgtacct ttcagggtcg ctcttatcca 360  
 acatccgcaa taaaaccctt caacaagaac aagaagtgc acccgcataa gtcttccttt 420  
 ccaaacacga ctaagaagct ccgcaaagtc aactcgctac agttgggtcca tctttgccgc 480  
 caagtggact cgcgatgctt tcaatcattt gccgcctaaa ttcaccagaa aactttcttg 540  
 aaagaggaac aagatttgtt ttacacgagc gcacagttga agctcgggtc tttcatgcct 600  
 gccgtgaaac gccctaaccg gttgtaaaaa gcaagacaat tggtcccggc ttctact 657

<210> 6462

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

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 gtttcatctt ctttcgcatc ttctcactc tcttttctgt tcttacatca tctgtctctg 120  
 tgaccacccc cagttcggtc gctggctgag cgacgggact tcatgcgctc ttttccttca 180  
 acataccctc gtcactgttc ccacgcgtct ctatcatcag cctgaccgat gataactcga 240  
 cattcttctc ggcccgggcc gcagcggttg gcccgctcct tcttgacaag gggctcagcg 300  
 gtcagctatg gatcggcagc ggatttgag atagaaccac tgccggagcg gaaggcgaat 360  
 tanggtgttc agatattcca nggtgggggt agggcgacgg ccacaggcag gatatacccg 420  
 cggcgctcga tgccctgctc gggaagcctg tgccctggtg agctgacccg ggcacttcca 480  
 atatccatcg tacggatcct aagccagaca tcgactcaca agccagccca aatgacgggtg 540  
 tgggtgaacc gtccacgaac gatggcacgg atgaacacct gcaccaccca ctccccgaa 600  
 tttaaagtac ggaagtcggg gtctcggagc agcgcggggg ttgcccccg aacaagcaaa 660  
 ctggccatgc ccc 673

<210> 6463  
 <211> 656  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6463  
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 tgcctttccc acaacctatc ccagtctctg cctactaagc agcggacccc tcaaaattta 180  
 tttaacgcag gtttatgatt taacggcaat acctttcgaa ttcccaggga tatacctgat 240  
 cattccttcg actatttcta gggtacatcg ccttgcatth ctgaagcgac aagtgtatta 300  
 tttcacggcg cagaaagcct tggagagcag gttttttgga catatgcctt aatttctttc 360  
 tttgcaccct ttcttggtt tgtggataat acccggtatg ttaccgctg gacactggcc 420  
 ggtgagcccg agttgccttc ttggacaggt tttcgccaac tcgctccgcg aagtttttgg 480  
 atgtcggaaa cgtgaattct gttttatttt aaatacgttt ttttttccct tgggtatttga 540  
 tacatcgctc tctttttggg ggggaattgt ggggctttat gatacacttg ctgtcatgaa 600  
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<210> 6464  
 <211> 743  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 6464  
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 tgcaaccatc actgttgccg ttgaggaacg atgatctatt cacagcaaca ctacgcagtt 180  
 catccggtat cttatctctt ctaacattgg agaagtgggt tcgatcttct tgacggcggc 240  
 tttgggtatg cctgaagcgt tggtagccgt gcagtagctg cgggtgaact agctcaccga 300  
 ccgtatgcct gcgactgcta tatcattcaa cccacctgat catgatgaga tgagacgccc 360  
 cccacgtaaa cgtgatgagc cccttgctcg tggctggcta ctgttcacat acatggttat 420  
 cggcacatac gtcgggtgctg ccacgcgtct tggctacgtt tgggtggttc tctacaacct 480  
 agaagggccc cagatttcgt tctggcaact gtcccatttc cacaagtgt cgcacagtt 540  
 ccccgaaatt ggttgtaga tgtttacgaa cgacatgtcg cgagctgctt ctacagtttc 600  
 attggccatc ttggtagtaa tcgagatgct gaacgctatg aatgccttt cgtctagcga 660

atcccttgtc	actttcgctc	tctggaacaa	catgatgctg	ggctatggct	ataatctttc	720
gatgacattg	cactttgcca	ttn				743

<210> 6465  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6465						
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gtggccgcta	ccggcctcaa	gggtaaggct	gtggtttctg	agaccgcccc	cgttgaggga	180
gcttctcaga	ccaagctggt	ggaccatttc	ggtggcaagt	gggacgagtt	caagttcgcc	240
cctatccgcg	aaagccagggt	ctctcgtgcc	atgaccagac	gttactttga	ggacctggac	300
aagtacgctg	aaagtgcagt	tgtcattggt	ggtgctgggt	cctgcggtct	gagcactgcg	360
tacgtcttgg	ccaaggetcg	tccggacctg	aagattgcta	tcgtcgaggc	cagcgtctct	420
cctgggtggc	gtgcctgggt	gggtggccaa	ctcttttctg	ctatggtcac	gcgccgtccc	480
gcggaagtct	tcctgaacga	gctgggtggt	ccttacgaag	aggacgcaaa	ccccaaactac	540
gttgtcgtca	agcacgcctc	cctgtttacc	tcgacactca	tgttcaaagt	tctctttctc	600
cccaatgtca	agctcttcaa	tgctaccgct	gttgaagact	tgatcaccgc	tccgaccgag	660
aacggcaacc	cccagattgc	ttg				683

<210> 6466  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(663)  
 <223> n = A,T,C or G

<400> 6466						
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tgcccaatgc	tcannnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
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ncn						663

<210> 6467  
 <211> 723  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6467						
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tatcaggacc	acactcgcca	tgcaagatcc	tgacctccct	ggaccaaggt	ttcatactac	180
cattttcgtg	aaaacggggc	cgaacggtaa	cggtacaatt	cacgaagtca	ctggcgatat	240
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ggagtttcat	acaagccaga	agttgggcgt	cacccaagca	tgcaatcatc	ctggtgactg	360
gaaacgggtt	ttagatgggt	taccaacgcc	gcctcagcag	aaagcatgta	atgtgaagac	420
aatgaagacg	gagccgttta	agacgaaaga	tccattgact	ttctatgagc	ctggtgagcc	480

tagacggcaa	ttgatgaagt	gtactgagtg	gacgatggag	agggcaattc	ctgctctaaa	540
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gtgctacaag	cactgcttat	tgtgtctatc	aataaatgat	gatataattga	cctacccgcc	660
gcttaaaaaa	taatcccatc	tttgactgtg	cttgccaagc	tttgtggaaa	ggcaattctt	720
gtt						723

<210> 6468

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<400> 6468

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tacaatccat	tttcttcac	tttttctcct	catagtccat	acagctcttc	ccttccccctg	180
ccgtgtcttt	tgaggccgag	gaaaggtgag	ctacaataga	cggagtgagc	gagaggactg	240
agtggctcta	acgctttcct	tgtgtatgcc	tctcttttga	aagcctcaac	ttttttcgct	300
caaccttccc	ctccttctcc	ccaatccttt	tccctgtctt	ttgatgctct	tcctcttcgc	360
gttgggattg	ctttcttcga	aatagttcta	tatacgattg	tttctattct	acacgggttg	420
accctgtggg	atttctgatt	ctcgcccggt	ccggttgcta	tcagctcgat	cacttggagt	480
ttgcaccatc	tttaatcatt	taatcgctt	caaaaattcg	tctcgatcgc	ctatcgaacc	540
gaagaacttt	caattgggat	ttcctgcttg	tgagccaccg	acacctgaac	aacaacgttg	600
atgggtggcac	ttgaacttaa	gtatagaaaa	gaa			633

<210> 6469

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 6469

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agaaaaccaa	accgaaaatt	aaaaggacca	acccccggtt	tttatgacaa	tcaattggca	180
ccaagctgaa	cgccggaaga	agaaagccat	aagccgtaaa	gtgaaaacca	gatccgaact	240
ccgtgcaagt	aaccgaaagg	ctaaatccaa	acggaacccc	aaaccaaagc	ccagatggtc	300
taaaaccctt	gtgtggtaaa	ccagtgtgcc	aaagccgata	ccgcgaaaga	atgggatacc	360
aagcgcccaa	atgcatatac	agcgtgtgtc	aataggttga	gaccattata	aggtgctcca	420
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agcctttcga	gagatcccgt	cgatgtgggtg	cacatgctct	ggggggctct	ctggcgcat	540
ctcagacttt	gcgtgcttgt	gcgcgtaaat	cgggctggga	aacgttgaag	acactctctg	600
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<210> 6470

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6470

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cagcaacaac	gacagcgaca	gcagtgatgg	aagcggcagc	agttcagggt	catccggatg	180
cggaaccaca	aacaacctcc	taacaacaac	atacattgtc	cccaacaacg	cctgggaactg	240
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ccagggcgaa	ggatatatat	cctacaacat	caccggcgga	tcacgatgtc	gtgacgcaaa	360
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gcccttgaac	ccctttatcg	ttgggttcaa	ggcgtgggaa	tccgacaagc	cggttaatga	480
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ggatctcggt	cgcacgcta	cgactagagg	ttggattgac	ttgacggctc	atacgtctgg	600
tgcctcggat	gtgatgatca	tgaatgtttc	tatggattca	gcgaagtcaa	ccgncgtgag	660
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<210> 6471

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 6471

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ccaaaccccg	tcataatcat	atcttccctgc	tggcgtagtc	attacgggtca	taacagtggtg	180
tcgtacaaga	aagggagaaa	gaagaagaaa	gggaaagaag	aaaggaaaag	aaaagtaaga	240
aaaaaatatg	gtgttcctac	cccaaaacac	cacaatccca	taggccaacc	ataaaacagc	300
tataaaccgc	cgtgtttccg	gttctggaga	cacccatgat	ctctatatac	tttaaacagt	360
gaccatgttt	catacccccag	gttcagtgcc	ggatcgaagc	acggatatca	taaaagtact	420
gtaagtaatg	aacgcaggga	agacgtgaga	ggatcgggtt	cggcacgaca	atcgacgaca	480
gtctgtatcg	atctagaatt	cctaagcctc	aacttcctct	gcgctgcgtc	gggatgcaga	540
gtatgtatgt	gccccactgg	cccggcccag	aggagctgtt	gttcgtcttt	tgcgctcaag	600
gaatctccgt	tttccggctc	gggtctcaaa	gtgtcgggga	atttgcagtc	gcttctggcc	660
cgcagccag						669

<210> 6472

<211> 1088

<212> DNA

<213> *Aspergillus oryzae*

<400> 6472

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acctttccgg	ataacacagt	tttaaggacc	tttgccctct	tcttttcgtg	aacataacac	180
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ttcgcggtgct	ctctcaacag	catgctgcta	caccctgcct	ccgcgggggc	ctgcacatca	300
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agaatgagct	cgttgagcgc	cttgccaacc	atgactttct	tcaatcccgt	gctttcagca	480
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aggagctgtg	gaccggattc	ttggaagaca	tttttaggtcc	cagcagcaga	gtaccagaag	960
cacactgatt	tgactcgcgt	tggttgcttg	gtctacttta	gcgataattg	gtttccactg	1020
gaagtgggct	ttgattttcc	tatactaatc	tatcatcatg	atgctccatg	atgctatcca	1080
ttcacaat						1088

<210> 6473

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 6473  
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cgaacactcc ggtttactga accattacct cccccattag tatttccagc cgctacattc 180  
ccagcacttc gcaatgccgg tctacatgct atacggcttt aagtggccgc gcgccggctt 240  
cactgggtatc cgagtgtata ttgtcctgca caacctggaa gatgcgacag cagagtatct 300  
ccaagcccca gtcaccaccc agctgctctt agagtcgttc gcaaagacag aatcgggtat 360  
cgtatcccgt ctcccggacc tccgatttat tgagcagtat gaccccgacg ataccagcga 420  
tgaggccgtc agcaagccat atgcctatgt cgcggctaaa gtgatcacga tgccagagtc 480  
gggggcactt agtttgatg ctgaggagct ggttaaggaa tcagggctag atgaaaatgc 540  
catggcggcg ttgacagaga tgcgagataa atatgccgct ggtgagaaga ttgctggtat 600  
atngtgtata acggggatcc ggagagatgg ttcccccaat tgatgaggac gacgatgaaa 660  
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<210> 6474

<211> 824

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 6474  
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cgaactcgag ttccaatcac ttcacctgcc cgtccggcgg cacctgggtac gtgtgcccgg 180  
acgcgcgcga cttcgtcggc tgctgtctcct cggacctatg cacaaacgct gacgcaaaca 240  
gcaccacgcc atgccccaac ctccatcccg cctcctttga cacctccatc ttcgacgaga 300  
tcctgcccga cttgggtgat cgctccgcca acgcgcactg gtatacctgc aacaccacgg 360  
accacccctt tctcggctgc tgctogagcc ctgcttnngt caaagacggg tgtccggccg 420  
atgatttact tgccgctgcg nngagctcgt cccgtcngg tcaattcgcc ctgtncagg 480  
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gcgcgatcgc cggatatcgg gtttgngtt gttgcgccgc ttgngattgg cggccccctc 600  
ggggggggccc tcattgggga gagggaccag gaaggcttgt tgcataaagg ccaccccgcc 660  
cacacgcgt ttggtgccga ggcccggttt ccaaagcgcc gttaaattctc cgggtatcgg 720  
cggcccaagg gttcaaattt cccacccggg gtgcaacaaa ttgggacaag aaaggccccc 780  
ataaccagtg gaattttcta aagggtaaaa ccgcctctc cgcc 824

<210> 6475

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(649)

<223> n = A,T,C or G

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ccccgcggcc tgccctagc gcttcatctc aacctgcgat tgcgccagaa gccaacgact 120  
tcgacgaaga aaccttcattg aaattgcttg agaaagacat ggcgaacatg atggggccag 180  
ctgccaaagg gtccgggaca tccgacgaca agggcttcga aacaccatca accaggcgcc 240  
ggacgccttc acgaagcaac tggaggagag cgggattccg cccggtgact tcatcaagca 300  
gctcctggcg gatgtgatgg ctgaagaaga ggggtggagat gccaccgcta aagccgcagg 360  
agctgcacca tctaccggca gtgctgggtc ttcattctgt ggagctggag ctaggggcgc 420  
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[illegible]

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<220>
<221> misc_feature
<222> (1)...(693)
<223> n = A,T,C or G
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<210> 6477
<211> 667
<212> DNA
<213> Aspergillus oryzae
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<220>  
<221> misc_feature  
<222> (1)...(667)  
<223> n = A,T,C or G
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<210> 6478
<211> 686
<212> DNA
<213> Aspergillus oryzae
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- 2297 -

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cagctggtta	tgaatagggg	cgatcagatc	ataccaactg	taaaatcggc	actgaatagc	300
aacggtgcaa	caccaaaccg	caaccttact	attgcagttg	caactctgta	cattaatgtc	360
gctgtttatc	tcacctctga	aggtaggggg	tctgccccaa	agtcttctga	acgaggtctt	420
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tgctccagaa	gtctacgata	ttaacccatc	attagggacg	tggtgttctt	cggcccccg	600
aaggaacca	gggtcaaggg	cgctcttggg	aaaacaagga	gttctttcat	aatggaaaag	660
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<210> 6479

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 6479

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gacgagcgag	ttcattgatg	aaacgaagag	cctgatcggc	aatgtggcac	ctgtcattac	180
ccccgacctg	ctggaggatg	tcggcttcct	tctcggcaat	gcaacgaacc	tgcttacacc	240
caagttcgtc	aacgagacga	gagatctcat	tgacgatgtc	gcgcctgtta	tcaccccaga	300
gctactcggc	gaagtgggtg	gccttctcgg	caacgccaac	gatttggtga	ccaagaaatt	360
cgtcaacgaa	acacagattc	tgatcgaaga	cgcttcggag	ttgctccctg	tcgtggtgaa	420
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tgtttgatg	gcttttgggt	gccccagata	taaccgcccc	aattacaatg	atgtgtgatg	600
tctaataaga	aacctctcct	ag				622

<210> 6480

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<400> 6480

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tcgagtatca	tccgactgat	attgatcgca	tacacggggc	aatcggagga	tggcaccatg	180
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tgctctcccc	ccctctctgc	gatactctcc	cgctctatc	acgaatactc	cagcagcaac	300
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<210> 6481

<211> 970

<212> DNA

<213> *Aspergillus oryzae*

<400> 6481

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acagttgaag	agcattgaga	tgaacctgcg	ccggcagcag	gccaaatactc	tcaccgacga	360

ggataaagaa	aatgcgatcg	cacgcatttc	caattggcga	cgcaccacct	tggatggtct	420
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<210> 6482

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 6482						
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gacgtttcgc	accgagcccc	ggacggggcg	agattcctcg	tctgaaccat	tattccaatg	480
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<210> 6483

<211> 791

<212> DNA

<213> *Aspergillus oryzae*

<400> 6483						
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gcgaccagat	cgacacctcc	aagaccacaa	ctgtgaacga	gggacttctc	ggtggcctcc	420
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gtggtcttgt	ttctgccctc	aacaagcaat	gccagaccag	catcggttgc	tgccagcaga	540
acgccaaggg	cgacaactac	cagagcgggc	tcctcaacct	caacctccag	gctccttgcc	600
ttctcagcaa	tggtctgtaa	tcgcctcgcc	atttggttac	gaaatcccg	gcagcattgg	660
acataatgtc	gctcttctgg	tcctcgccgc	tggaccaaga	tcgtcagcgt	tttcgcgatt	720
tgtgcacaaa	tgatttgaga	tatatggctt	gtttcgccct	ttctgtacac	tctagcttgt	780
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<210> 6484

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 6484

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ctaaccattc	gcggaagcgc	agcaatacga	ctcctcggat	tcccatgata	cgcagctttt	180
ccaatcaggg	taccgtgcc	ttaatgcctc	caacgcgaag	cgcgttgga	gcatatgctc	240
ctccccctac	gaacagtggc	cgtacctccg	aggccagcgt	gaggactggg	aattacttcg	300
atgccattgg	taccgtccgc	atggaggcgt	tcattgacca	gaccgaatcc	aaccaaaacc	360
atgctacata	tccaaggcat	gtgcggaaac	cttcgagtc	ttggagctcg	gaaagccagc	420
gaatttatga	tcttgatcac	ccaaggatat	acgatcttgg	atcttttcgc	catgatgata	480
cttttggagg	aatttaacgc	attgtgatta	taatattggg	ggtgtggcat	tattctccag	540
ggaaatgcat	acccccctgac	gaatcaccaa	gttcgacaat	cagcaactgt	atatcctaata	600
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<210> 6485

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 6485

ggggtgtaca	tgcgacttcc	ttcaaggctg	ggtagtctgg	ctaacataat	tgggctatcg	60
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ggtgaacaac	cgggtgttat	accacaatgc	tgtttataat	cctggcagca	tgcattgctg	180
tggtgtctta	cctttaccat	gttaatcgtg	ctataatggc	cgttcccag	gaagctcgtc	240
gtctgtgccc	tcaccgctgg	acagtcgatg	agatcaaggc	tgctttcgaa	aaggttcagg	300
actctcccac	cgatgtagcc	aaaagccttc	ccccaaagca	atctagacgc	tatatcgttg	360
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acccatccgc	tattcggatt	ttggatcttc	aaactcccga	ccttgaattc	tcgatcaggg	480
gggtcaacttc	ataaaaacgaa	cattaccgat	gaacaaggcg	ttctgagcgc	ctttttacaa	540
acattggggc	tattaatcgc	tgacctgcc	tttgccggat	ttcacaacgc	ccgcatggat	600
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<210> 6486

<211> 501

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 6486

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atccgtgact	gtccagctgg	ccaacgatca	gtctggggcc	aacgccaacg	ttgatatccc	180
tgcgcagggc	aatcaacgct	ccgtccaggc	tctctggggt	aaaacctctg	tgtccacgaa	240
cggcattggt	tctgcctcga	gcgcccagct	caataaattc	cagcaaacga	cccattgccg	300
aattactcag	aaccccaatg	tgaacgctga	gctcgatgcg	cagcgcacct	ggacacagct	360
tgaccagnga	aagggtggcc	agctcactca	cgcattcatt	gtctgcaagg	actagtcata	420
cacggcctgt	ggatatcgaa	gtgtaatggt	tgcgagggtt	tgagtctttg	gaagactatn	480
acttgcgatg	gaaactgtgc	g				501

<210> 6487

<211> 683  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(683)  
<223> n = A,T,C or G

<400> 6487  
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atcatgacgc cgccccaca catgccgtcc atgaacgaaa tgtataagaa gctcgtgag 180  
ctgttcccac gcacggcgcc aggcaccact ggaacgcccc agccaagtcc tcagggaat 240  
ggaaagccca gcccctctcc agctactgag accgtcgtct gagcaaagtc aatggtttgg 300  
aatgatccga taattcacac gtgcgcgcag tccccattgt cgagaaattg ggcgattccg 360  
gctcagcgca atggtgggga acaaagctcc ataggcgcta tctcttcagt tgagactcac 420  
attcaacgcc acagctggac gccaacatac tcacaaaatc atctgtctat gacccggaac 480  
tgtccttgct aatgtggcct gcaaatcaat ccgcggatta atcctgatgg agttcagctt 540  
ggcaaaggct ggatatcaag ggtatatgag aaagcctctt ccgcaaggaa cctgttggng 600  
gaatgccgtg tgcccccagg tgtgagactc aaaagtccac ctgtggaacc agctgggggt 660  
tctactaaaa ttatgtccgg aac 683

<210> 6488  
<211> 671  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 6488  
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cactcctacc cacaagttcc tcgttctctc tcccatccac tctgggtcca tgaatgacca 180  
ggctgagagc aaggagccaa ctcaagtcgc tgaacgctcc agcagccagt cttccacagc 240  
ctctgcggga tcgcagctga ggggtgcctt ctcccctctc cccgggtggc tcctttacct 300  
gggacacgag caagacagaa actaaattct gacgccacat aagcttgccg acgccatccc 360  
acttcaccaa tcgcgctgga cacgatacat ctgcaagcgc ctgagcccaa attcaccctg 420  
caccggacga aggggaaggag cactagcggg ttcatctctt tattgttttc aaacatcagt 480  
ttctttacga gatgggttct tatctctttg aatgattttt ctgtttcggg gtttacctct 540  
tcaccacatc aatgatacca cactgccagg gaaaaagggg gttgaaagtg aagaatgaag 600  
tgaatgtttg ccaaggagat gttgatactt gccaaagcct gtgcagtga attcaaattc 660  
aataggctgt c 671

<210> 6489  
<211> 851  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 6489  
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gtctccgttc ctgagttgac ccagcagatg ttcgacccca agaacatgat ggctgcttct 180  
gacttccgta acggtcgtta cctcacctgc tctgctatct tccgcggaaa ggtctccatg 240  
aaggaggttg aggaccagat gcgcaacatc cagagcaaga accagacctc cttcgtcgag 300  
tggatcccca acaacatcca gaccgccctg tgctccattc ctcccgtgg tctcaagatg 360  
tcctccacct tcattggaaa ctccacctcc atccaggagc tcttcaagcg tgctggcgac 420  
cagttcactg ctatgttccg tcgcaaggct ttcttgcatg ggtacactgg taagggtatg 480  
gacgagatgg agttcactga ggctgagagc aacatgaacg acctgtgctt cgagtaccag 540  
cagtaccagg atgctcccat ctccgagggc gaggaggaat acctcgagga ggaggagccc 600  
cttgagcacg aggagtaaat agcttccagt cactaaagac tcggattgat atctggcagc 660  
aaaacccttg ataagtcacac gttctctgtg gctttggcct gggtcacggg tcatgggtcat 720





ggaaaatttt	tgtagtgga	tcctctgcaa	gaaaagccaa	aagccaaatc	ctcatctcgt	60
gtgcacttgt	cgaggagttc	ctctcaatta	agagggtcgag	agagcccatc	gccagtggtc	120
gcataccttg	gtggttatcc	ttccgtcgtc	acgactatca	cggttggtga	agcaaacacg	180
aaggttccgg	agatgtatgt	gccaaagcaag	aatatccacc	gaacagtgtt	tgaagaccgg	240
acccctcctg	cgactagcgc	aagcagccgt	gctccgccac	gcgtcaatct	accggaacct	300
gatctcacca	atacccttgc	tgatttaaaa	ctcaccaacg	aagaagactt	tcgcctggct	360
tcgagccgtt	tcagtgttac	tacctacgaa	cctacaaaac	cagcagttca	ccgcgacaag	420
aagttccgaa	ggaatttaac	cctgttccca	tctaccaatt	taatctttct	tatgtcaaaa	480
aactcccttc	ccaccccgta	cttcgggaag	aaaccttaag	gaacccccct	gtttaaaaaa	540
aaaaactttt	tgctgcccc	caaaaaatcc	caaatatatt	tttattttga	aaccgggaaa	600
ctcccttcgg	ccccaaaaga	cctttttctt	ttatttcgag	ttggcccagt	ttctcccc	659

<210> 6496  
 <211> 748  
 <212> DNA  
 <213> *Aspergillus oryzae*

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gtcgcgccgg	aattcctgcg	caatgcgtcc	aacgcaaccc	cgatcaccca	acgagtgcgc	180
cgcaagattt	ggggtacaga	caacccgccc	ggcctgaagg	atccctacgg	tgagaaaggt	240
gttctggaac	ggaaattcaa	gaaagaccag	cctgctaggg	aggaggagga	gccggagaat	300
ctcgcgccaga	cctcagaaca	gactcaggtc	gagaatgaag	cggagctcgc	ttccgctgag	360
gcgtatgagc	ctgcaactac	atgggaagga	cttcagcgtg	tggttcactt	gggcaggtgg	420
tccgacttgc	ctccctctga	ggcgacgct	tatgaatcgt	ttatgctcaa	gaagaaagtc	480
accaagaagg	gccaactgtc	gttagccgcc	caccaagcgg	cagtcgaagt	tagcctgatg	540
cacagtctga	acaagccttt	gtcgaaggtc	tgcatgtctg	tcgagcacga	taaatacagtt	600
ttcaagatgc	tctggaagtg	caagatccag	cccggcgagt	ggaaacaggc	cgtggtctat	660
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gagtcctgcc	gtgccgaaga	gacaccgg				748

<210> 6497  
 <211> 378  
 <212> DNA  
 <213> *Aspergillus oryzae*

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ctaccgcacc	ggcgtctcca	gcgaagcagc	agcagcagac	tccagcaata	atcaaacaca	180
gtgcggaaac	ccccgtgctt	gcagaaccag	cccccatcca	agaagaatta	gtcccaggtc	240
catctactag	tttcccgcgt	ctgatccggc	ctatatgccg	aacagatatt	catgcattcg	300
aagagttcaa	ggaattattc	accttgctca	gtgtctccaa	accgcccagt	cgtgccacga	360
gtggatcgta	taccggct					378

<210> 6498  
 <211> 662  
 <212> DNA  
 <213> *Aspergillus oryzae*

gggaaggggtg	gagagacgat	tcagggaagg	ggaaaacacg	agagaggatg	aggagccaac	60
agcgaaccac	gggatgggaa	ggagagagag	agagaaagaa	aaacgcgtga	aaaagaggct	120
gacgggaagc	agatgatttg	cctggacggt	tcggagcttc	ttttctggat	gcgatgcgga	180
gaaggatttg	ctgcctcgt	taccgttcca	tacacaaccg	gtcggccatt	ttacctgcaa	240
tgtgcaggtg	ctgcatacca	taccttactg	tactgctagt	cttctccacc	gactccagat	300
cgaccagcaa	ggatgctgcc	attattggac	gattggccta	tcgctccggg	caaccaccct	360
gtgggaccct	gaccttcaac	gatccccgga	ttggctcatt	tctcaagccc	cgtccgcgcg	420
tccggtcggt	ccaggaaccc	tgtcaccacc	gttcattggcc	ccatttcgcc	agttggccac	480



gagtgggcct	gcagtttgac	gaaagtccat	gccaatggg	tcaacggctg	ctccacttgg	540
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agcaaggcgc	atggctgacg	ctcaggcacc	cccccccttc	gcactcaagc	gagtcggag	660
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<210> 6499

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 6499

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agtcgcccc	gttgctgtca	ttaaattccg	tgccctgtct	gctgatctag	ggccctctac	120
tatgaatctt	atgctcctaa	catectctcg	cgatgcctct	gggaatccgg	ctcccttgtc	180
cccggctcag	cttcgatcgc	accccgatcat	gggtgcgcta	gtgaagttcc	gcaagctttg	240
ggagtctgtc	aaggacctta	ctgccccga	agtgtcggat	gtcgaggagg	atatggacag	300
cgaaggtgag	gaatctgacg	cacctgtctc	caagaagcag	agcgaataata	aggaggtgca	360
agttcccaag	aaaaagaagg	agaaggtctc	caaagcaca	cgcgcgccg	aagcagccca	420
ggcagaggca	gaagctcgta	gggcacagag	actgcgggag	acggaggcta	atcttgcgga	480
tctctcgaat	ctcgctacca	agtctggcaa	gaagaaatcc	actcaaaagg	ctaaacaatc	540
cttctaggct	gctgatgact	ccgatttcgg	tgatgaagat	gctcttactg	ctaacgaggc	600
cgaggagaaa	gctaaccaga	agcgtctctc	tcgtttctat	acttcccaac	tcgcacaaaa	660
gggcaaacag	g					671

<210> 6500

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(671)

<223> n = A,T,C or G

<400> 6500

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gagttcatct	gggaggccca	gagcatcact	ggtgaacatg	ttggagagaa	gccagatgtc	180
cctttgagta	gggaatcggc	tcagcaggat	ggtagggagg	ctctagaggg	cttgaagacc	240
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cttgctcgcg	atattgctgg	cgatgcgtcg	cagaaagctg	ccaaccagg	ccggccgtca	360
gaggaacaac	tagcacagg	tgaccagcct	gccgaggata	acacctggca	tgagaagcct	420
gactatgcaa	agcataaaga	gcagttcact	tctcgtttca	ggaagaacaa	ggccactgcc	480
gagcagcaag	cgaacgaagt	caccgacacc	gcagctcagg	ctgcaactgg	tgaccaaccg	540
gcaggactct	gctggggaaa	tngatggccg	tactggcgct	gccgcaagtg	ctgaaaagac	600
caaggaaaag	ctttccgaaa	catccttgaa	gagcagaagt	ctcgtgctcg	ggatctcgct	660
ggcngacaaa	g					671

<210> 6501

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6501

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cataaattca	ttcgaatgcc	cttgggaactg	ttgttgatgc	gaatttacat	cgcacactac	180
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atccttctca	tggaaagaga	tgatgaatga	tgcgtcacgc	cctttctcgt	ttctcttcgt	420
caaaattttt	cttttccctt	ctttttcact	tctgcattct	ttccttctcc	ctaccccat	480
cttttttggt	cttccatccag	ctgttcagaa	ttganatgga	tttctcatgg	gtaggaacat	540
attctatttc	tccccatca	cctaaccctt	tcttgtgaca	ttatttacga	cttgataaat	600
ctacatgaat	acagtgcctc	gtattcaaca	gaagggttat	taatataatt	ggtatgaa	658

<210> 6502

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<400> 6502

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tcgacactgt	cttgggtctca	gtagatgaat	ttcatgacct	gaaagggtgac	tgactgacat	180
gcctgcactc	cgcacgctat	atgacgatac	gagtcgacat	ctgacgttac	agactcggcg	240
tcgtgacatg	tggtagcgct	tgagacatga	cctgacacat	cgcttgctac	acacacaaca	300
tcgacgcgta	catatgacga	cgacgacgca	cacgtggtca	gcccacgtga	ctcgagacga	360
catcacgaga	cgacacgaaa	gcaagcgacg	cgacgtgacg	acacaacgctc	acgcgtcgcg	420
atatcaactc	tgcgacgtcc	gtcaatatga	gcgtcgatcg	cgcacgaaat	cacatgatcg	480
tgaaagcact	acgacattca	cacatcgatg	ccacgataag	acacggagac	cgccatatcc	540
cataacgatg	atcacatcga	cgcactatcg	tggaggcgac	gatgacgtcg	acgtctgact	600
acgatgacgc	catctacgat	caggacgacc	ccgtcgctcg	cagcttcgac	tgacatcttc	660
gacgaccgac	tgtgttgtac	c				681

<210> 6503

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<400> 6503

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tgctctctct	agccatgatt	cggcgctcctc	aactggaagg	gctggattta	gacgtggagg	180
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gcgcaaagat	tgtaaccgaa	acgcgtcggt	ttccgactgt	tgacgaaccc	cgcccatgga	480
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agttccccac	ttttgcggag	atttgggccc	gagtatttta	aagccaaacc	ctggagcggg	600
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<210> 6504

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<400> 6504

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atccggccag	taaggcctcg	gacagggcat	tcccgtgga	tgataaagac	atcacttgcg	180
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tccatcggtc	tctccacttc	atggacgata	cgaaatattt	tggcaacatg	ggatatattg	420
tgatggatta	tatcgacggc	gagccgcttg	atggctgctg	gagagaactc	aatgatgaac	480
aaaaaatgga	tgtcgcgaaa	cagaccgccc	aaatgatcat	tgaaatgcag	tccatcaagc	540
tgttggaaac	aggttcgatc	ggcggggggc	catgtcgtgg	tcgctttttt	acgcactaca	600
gcgcgggggc	ctttcaagac	ggggccgaat	ttcagggctg	ggttaaccac	aag	653

<210> 6505

<211> 256

<212> DNA

<213> *Aspergillus oryzae*

<400> 6505

cccgcgacgc	ccagattcgc	tggctggagg	agcagcttga	aatgtcgtcg	aatagaaacc	60
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agtccgaggt	atcggaatat	acgcctgagc	cgcgtcgccg	tcggcgagca	gttcatagag	180
aacgagtctg	ggacaactag	actggcagct	gggttactgc	cagaagggtt	tactaaatct	240
actcacggcc	tgtgct					256

<210> 6506

<211> 1044

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (1044)

<223> n = A,T,C or G

<400> 6506

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ctccgtgggt	atgcccgtgc	taccgacgag	cgtgtcgcta	agttcaaggg	ccagaaggac	180
accgatggaa	agtacactgt	cactctgatt	gaagggtgat	gcattgggtc	tgagatctcg	240
cagtcggtta	aggacatctt	cgtgcgcgca	aacgccccca	tcaagtggga	gccagtcgat	300
gttactccta	tcttgaagga	tggaaagacc	gccattcccg	atgaagccat	tgagagcgtg	360
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aagctcatca	caaaggaggc	ctctgagaga	gttctgcgct	ttgccttcca	atacgctcgt	660
tccatcaaca	agaagaaggt	cgcgctcggt	cacaaggcta	ccatcatgaa	gatgtccgat	720
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<210> 6507

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 6507

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acttaaagac	tgtgtcgacc	ttgatcttgc	tgttccgggc	acctaccaga	gtggccgacc	180
gatcatccgt	atcatgagct	tcgatcctat	acttcatgtc	cttcaaacca	agaaacgacc	240
acgcagaatg	accctgaaag	gtagcgatgg	taattcatac	atgtacgcac	ttaagggaca	300
tgaagatatt	agacaagatg	agcgatcat	gcagctcttt	ggcctcgatg	atacgctcct	360



tgaaaacttt	ccattattgt	tcgtgtataa	atccgggtctc	ctaattctgt	ctttttttgt	60
cgagtgcgcc	aaagcaaatt	ccacagcctt	gtcgtgcgat	gagccgagga	cgctcccca	120
gtataacccc	caatcagggt	attgagggca	aatatatgaa	tccgaagaag	ctcgttaa	180
tgtaaagaaa	tgaatatggg	caagctaatt	ttcgggcccga	ggtgtgttga	atttctcact	240
gatccccgacc	gtgcccgaag	aaaaaaatct	aatgggtccc	aggttacacc	accagatata	300
atgcctcgtc	cgcccgaaca	atcacgggtat	ttccagagac	attacgcttc	ctcaaactgc	360
atggacacag	atcctacggg	ttatgcccc	attacgacag	gacctaccac	acggcgacaa	420
atctctacgc	atcaaaaaaa	gaccttggg	atttctccac	accatattggg	gaggcgccac	480
aacaacatac	caggggtttac	gcgtgaaaag	accagactct	acgtcgccaa	taaaggacac	540
ctaggcccca	cgaggccaat	atgcgcccac	aactaaacca	catcgctctc	ccctgaccat	600
nattgggtca	caactatccc	accttgggcg	tgtcagcacc	accgtgtgct	gctcccatcg	660

<210> 6511  
 <211> 579  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = A,T,C or G

<400> 6511						
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ctgtgatctt	caattcgaac	ccccctctctg	cgtgatgagc	ttcacttcaa	ccagcatcgc	180
ctcaaactga	cagtcaactg	gtatgagccc	catgtataaa	ccactcttcc	gcattatctc	240
ccattcaacc	gcgtttttgtg	gacttcgaac	cctgatacaa	ttgaagaatc	tggacgacgg	300
aggtggggcg	aatattacca	actgtttttt	gggagatgcc	tcgaaaagtc	tgatagtata	360
ggctgttcag	gtatcttcga	tatctatctt	tgacgcttca	aaatcacttc	caaactgaac	420
tgcgattagc	taattcagggt	aacggaaaacg	ggaagtattg	ataacgaacg	ttattcatag	480
cctncttac	taacttggtta	ttgtcatccg	cnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6512  
 <211> 640  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6512						
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ctagcatata	cagctaccaa	agcaaaggcc	atgtcgagtc	acaccatcct	cgttcccc	180
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cgggccatgt	catttacacc	tccggagggg	gggtgtaaat	gggaatggaa	gtactcgata	360
attgactctc	cgagtggggg	taagcttaag	gctttgtgtt	tggagaagat	agatgggtca	420
gaatgtggaa	aagctacacg	gatcgccat	cttctccgaa	gtccagatac	gcgtgcgaca	480
ggttcgtctt	gttgttccgc	tgggaatggg	ggtcaacttg	taattaattc	cggatgttga	540
cctaagcatt	gtggaggaag	ctctggtaat	tgcaacttgt	ttggtcatgt	tgcgcaagga	600
aagagaatcg	tcccagggtt	attcaaggct	atggtaatgg			640

<210> 6513  
 <211> 650  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(650)

<223> n = A,T,C or G

<400> 6513

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gctcgtccga	cgccggcccc	tatcgttcga	cctgaaattg	ctgcggtcgt	gatttccaga	180
caccttgatt	cggggcggtt	ccgcttcagg	accccatggt	gaagagaagg	agagaacgaa	240
cccggcccc	gactcctctc	tctcctgcca	ctgctctgtc	tccagcgtcg	ctgaccctca	300
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cagatggtac	ctacaggttc	cagcagcctg	gggccgggca	gttcttcttt	caaacgcaac	420
aacaacaacc	ttctcatcaa	cgacaccttg	tccggaacgg	gacgaattct	ccgactggaa	480
gactgaaatt	tagtcacgac	acaccatcac	cttcacgac	tcttccccct	ggccaagcag	540
ctgcgctcaa	tccattcact	atgtacagtc	agacacacca	agggcagcat	gtcctgatga	600
atggcgggca	ggctcaccaa	cgttcngca	tgcagatgcc	cgagtttcan		650

<210> 6514

<211> 656

<212> DNA

<213> *Aspergillus oryzae*

<400> 6514

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gtctattatt	atgtaggttt	ggtggttttg	ccaacagtgt	ctggtggcag	tatggcagaa	120
catatcgctg	attgccttac	togttgaact	tcacaactag	acaccaggaa	caccttggtat	180
gttagtcgat	ctgttagctt	cgcccatgac	cccttgcatg	agcgcgtctt	cgttggttag	240
acggtatcaa	gaccgtcggt	gttcttgctg	ctttcgtcac	cgaatattgg	cgtcgggtcc	300
ccatttcatt	gcaaagactg	ttttagaatt	gcaaacatct	tctccatgct	caaaaagtcc	360
cctttacact	ctcccctctc	tcacccactg	accatccaca	ttgcgtaacc	gtacctgcag	420
tactgttggt	tgacaacatg	tcggccactg	gaacgtacag	gggaactact	actggccaca	480
agactgtggg	cagaggtagg	ctggccgact	tcaatggttc	ggcttcccac	attccccgtt	540
ctcggctctga	aaccgctttt	ttaacttcca	acccttacac	ttcctctaac	gacattggaa	600
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<210> 6515

<211> 341

<212> DNA

<213> *Aspergillus oryzae*

<400> 6515

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gtgaggtgag	cacggttttc	ggggaaatag	cttccggggc	tagggctgat	gcctgcttct	180
tcttcttctt	cttcttcttc	ttcctagaat	agaacgcagc	actcacttcc	cggagagcgc	240
ggagagagga	tgccaaatgc	ctggccgaat	ctgtccgggt	gttgtggttt	acatttccat	300
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<210> 6516

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(680)

<223> n = A,T,C or G

<400> 6516

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actaaccttt	tcattcaaca	acccggagcc	tagtggttac	atgcaactct	tcaagatctg	120
ggagaagggc	ttaagcaaga	tcgcgaaagt	ggaaggcata	ttcgtcgagt	tcttggttca	180







<221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

<400> 6521  
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 aatttacgat tataaccac tagattattc ctcggcgcct cttatctctc tctctccctc 120  
 tccccctcag cacactttct ttcccggtat cctttcgcca tttaaccccc tccccctttt 180  
 cgctggctcc ccgcatcctt tgtttgcttc aagcttgctg gtgggggttg agaacgggcg 240  
 atacttgctc aggaaaaagc aacagtttga atcacattac cactcttagg ccctgatacg 300  
 gtcttctctc acatatcgtc atggcgagtg atcagagcaa gaagccagcc gtgctgatcg 360  
 ttggaggact cggattcatc ggtcgtcatc tggcacttta catacatgaa aataacctgg 420  
 cctcggaagt gagactcgtc gacaaagtc ttctcaact ggcttggtta gcccctgagt 480  
 tccaggaggc ttgctccaaa gataagttcg ttcaagcgga cgctagccgg gaacagcacn 540  
 ttccgctgtt ctctgatcgg gccaacggcg aacaatttga ctacgtatct cactgaggag 600  
 gcgagacaag aactcacaa ccgcacgatg tatatgagct tcgtattacc acctcaccgg 660  
 ggccttagct cgtgaggtgg ccgct 685

<210> 6522  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6522  
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 tcccggtgca gctggcggtt ccctaagttc tcccaacccc aaacgcgtca aaacggctcg 180  
 attggctcga ctgcaccaat tttcacacac catccttgct tctttgacat cggagggttg 240  
 cctagagttt gaggggcaat attacctaaa aagaaagctg ctattcagct cgtgtcacga 300  
 ctacaaaagg aaaccaagac acatggaagt agtcccggtt cgtccgtata cactaactgt 360  
 catcctggct gccactgatt aggattgtac cactgaacct agtctaggat tcgaaaaata 420  
 acacctgata tcttctacac gaatcagaac acagccataa accaaaatga gcgaatctct 480  
 catcccaata tctgtctcc acgacatctc actccaagta catacataac ccaccatacc 540  
 tctgtgaaac acacacagta acgccaacta aattacccaa gatcctcaac tcaatcctca 600  
 caaaagccta cgcacacgcc attagaaata caatcacccc caaacgctcc tcttgttt 658

<210> 6523  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

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 ctgcaattcg gcatgggcct cttcttcacc ggaatggcaa acccatcaaa ggttttgctg 180  
 ttcttcgctt ttccaaccga cttattccgt ttgatcctt cgctcgcgct tgtaattctc 240  
 tttggaatcg gaccgtcgct cattaccttt ttgacagcga aaccgggaca gaagaccgac 300  
 aaactggatg gcaagccgga actgcccaca ttggcagaca gttggaggct cccaacagcc 360  
 actatggcgg acattgactg gaggtttgtc gccggtgcag cggccttttg ggttgccctgg 420  
 gggttaccgg gagtgtgtcc ggggtcccgcn gtgcttcgtg cagctctgca gccggcatgg 480  
 ggcctagtct aaatgacagg gtacatgcta ggcaacctgg tataaatggc atgaaactgt 540  
 tcccgatatc tgaaaatttc tacggatgtc aatgagaaac gtgtcccggt gatctatcaa 600  
 agaccgggag aaaggatccg ctaaaaggca accgccattg agagccatgc gacacgaacg 660  
 ttcacacggg tcacc 675

<210> 6524  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 6524  
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 ctgcgcttcc cgtcgagcct tccgcggagt ctgcgcctca gccctgcatt cccgccgagt 180  
 tggcgaaagt tctcactct gtgcgaaaag actcaccctt gtattgtaag ggtgattctc 240  
 agcctgaaaa gcgcgacggc gagccttcca ttgaggagt cggggatgcg ctgaaggctt 300  
 acgatgccgg ggaagaagat gaagcatttg tcggggaccc actggatgct tgtgaggcag 360  
 catacggacc gactgggaat aaaaagcgcc gggcgaaaga accatccatc ctgagcggaa 420  
 ccgttggcag tgttatcggc gatgttagcc gcgttgccgg gcgttgatc tggttcgcac 480  
 agtcgaaaaac gtcacatctc tgttttgtgg aatctgcctc gcgcttcgta tcaggattga 540  
 acggttaatg gngtcttgtg ttggtggtgg ttatggnctg tgtattattt ggttgctttc 600  
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 caatgtctaa cgcagataat ggacata 687

<210> 6525  
 <211> 1041  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1041)  
 <223> n = A,T,C or G

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 cattacactg tcatcatgcc tgtcgtctca cgtctcgtgt cgattgttct ccgcgtggta 180  
 gaaatcatct gcggtgcgat cgtgcgcggc atcatcggtt actaccttg ttcgttggac 240  
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 gatgtcatta tctctctcgc ttggtttgct gccttcggta tcctcgttga cgctatccac 420  
 aaattttaact gcggaagtat ctgggcatgg ggcggtatcg ttcataacga cgtgtgtggt 480  
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 cttgtgggta tctggttcac cttccgggtc cgtgggtacta ccagtgcgc agtttagcaat 600  
 cgccgtggct tctttaggcg gtccgctgtt taaatttgaa acgctatgct ttacgatctt 660  
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 ccggtgatcc aaagagagac atctatcaac ccacacgaca ctctntatac cccaatcctg 780  
 acacgatatt ctgcgtcgtg attcagtatt ggtgcaatac agcgccgcca cttgttatag 840  
 tcgcgtcaag ttctgctgga tgttcatggc tcgccatcag cgggatgcat gaccattgac 900  
 acgggaaacg acctaatac tctntnttat tacaattaat actaatacag ataccccgctc 960  
 ggcgtgttga tgagctcatg tggcatgttg gtggcanact atatcgctca ttacgtttag 1020  
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<210> 6526  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6526

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ggcctaacgg accaatatta aatatcgaaa ccaccaatag gctttacaca atcctgcca      180
cattttttgc aagattaaat cattaatctt actaccgctc ccgtcctacg ctttaagcct      240
taacaagccc caaatataacc cactagtttt tgaatattaa catgacaggc acccaccccc      300
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cccgaagaca cggaaaaaag gacacccaat gaattttacc ccactttgag aaactctttg      420
gctttttttt taccagggca caaaaattgg cctcgggtgc gggccccctt aaaaggccgt      480
tttctcccc ttgaaaaaat gaaccaataa atgctgctaa aacttggtta atcgtgcctg      540
ggcccgtaac aaagaaatac ctatctcttt gtgaacatat tctccataag aattaaaaag      600
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<210> 6527

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<400> 6527

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cacctgtggt tattgcggtg aagaattttt taattttccct cagcctgact gggaccgcag      180
gttcgagcat ttgacgacag tgcataaatt tggggagtg aacaatgcga agaaattcta      240
ccgcgcggac catttttagac aacacttgaa gcacagtcac gctggaacca gtggaaagtg      300
gaccaacatc ctggagaacg cctgtatgaa agaggaagcg cctcctgaac ccagaaacgc      360
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gggtttctgt ggagttacaa tgctctgacg cgctgtagac gactacaagt ttgtgttttt      540
cctgggcacg tgctgcattt atttctctgc ctttatattc cttttctaag gttaaaatac      600
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<210> 6528

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 6528

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ctccaggggc agtcgctgcc cgggggctcc caacagcccc cgggctggac ccctaccgca      180
gggaacaagc ggctgcctgg ggtagcccgcc atttcgtgcc tcgaggtagc gatccgcgcc      240
caggcgaagc ggttcctgtc ccaccgcgtt gtcgtacaac agctggaggc aatttgggcg      300
ggcacaatcg ttttccattc ggctgcagac tatctccacc gtcaccgac acgagtcagt      360
cacagcgtag ggccgacgta tgggtactacc gtcaccgcta ccacacccaa cccgtttgcc      420
ggcaagttaa gccccagatc ggctgagctg cgccgctcag tcaccctata tgaccggaga      480
gatgcctccc tgttcaaact ctctaggttg agggttcctc gctataggca gtttctctcg      540
acgctgtcgt ttgcggtatt actggcattg ttctctcgag ttctagacca gcggcggtgtg      600
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<210> 6529

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

<400> 6529

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cgagaagggg ctcctttctca ctaactactg ggcaatcaca catccttcgg agcccaacta      180
ctgcgcttct gctggagggtg ataccttcgg tatggataat gataacttca accaagttcc      240
tgccaatgtg tccaccattg ccgatatgtt cgacgtgaaa aacatcgccct ggggcgagta      300
ccaggagcac ttgccttatc ccggttacca gggcaaaaac tactctaacc aagaaacggg      360
cgccaatgac tacgtccgga aacataatcc catggtcttc tacgactctg ttaccaagga      420
tgctaccgct ctgcgccaga ttaagaatth caccactttc tatgatgatt tgaagcacga      480
gcgtttacct caatacagct ttatcacccc gaacatgacc aacgacgccc atgacaccaa      540
cattaccttt gctggctctt ggacctggcg tttcctctcc gagcttctgg aggatgagta      600
cttcaccaag gacaccctca ttctcttgac cttegacgag aatgatacct atgagattgg      660
agacaagatc tacagctttc ttcttgaggg tgctgttcca ga                          702

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<210> 6530

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(649)

<223> n = A,T,C or G

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<400> 6530
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accatcgta accagatctt ggatcatatt gccacaattg actactcgaa aaccgatgat      180
caagtgaagg tggttgagac gacgatccgg tacctgggtg gcatgctgtc tggctatgac      240
ctggtgaagg gtccggcctc gaacctcgtc aaggaccaag cgaagggttaa gacccttttg      300
gatcagtcgc aaaacctggc ggacgtccctc aagtttgctt tcgatactcc cagtggaaac      360
ccctacaaca acatcaacat tacttcacac ggaaatgacg gtgcaacaac caacggattg      420
gcctgacggt gtacattggt gctcgaatgg acccggtctc cagacctgac tggtgatacg      480
gagtatgctc agctcagcca gaaagcagag gattatctgc catatcaaca tctcaaacgg agcgttcgcc      540
gcagagccat ttgaaggatt ggtcggaagc catatcaaca tctcaaacgg agcgttcgcc      600
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<210> 6531

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(655)

<223> n = A,T,C or G

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tcctcttcga tgcctgcgac tacatcgggc cctgtcttgc ctggctggc cattcaggct      180
acccttagat gtactaaca ttcgatgaag gagagccgga aggctcggc cattgcttcc      240
cccctgatg agagttctta caacgacatt tatcaatccc ccgaaagctt tactgggtct      300
actggacatg tttcggagct gtctaaatth tcaactggaa ttccttgtga tatgacatcc      360
gctcatgagg ctggccagaa gctttgtggc gttgctgggt ccgtcctcgt tgctccccag      420
acgaaataac agagcggaaa tcatcgccag tgatcgaaca cagacatccc gatctgacga      480
ttagagggca aaacacgntc gcatctgatg caggccatcc attactgagg cactgtgttc      540
ccgatgaaac atgaaaggct tggttatgac ctggactcag ccacgtcata ttacgtctgc      600
cactgccgca gtattacacg ttcacttttg accggagctg acgatcctgc tgggtt                          655

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<210> 6532

<211> 1097  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6532  
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 ctaaaatacc acgtgggttac ttctctcaatt caacctgacc ctcaacttccc gtcccccgga 120  
 cttttttttt ttttcttttg ttgaaaagga gtgtccgtac tttcaggggc aaatttgatc 180  
 aagaaagcgc ccgtaacctc cagcttctct gaagtggcac cttttccccc ctttcaatcc 240  
 cttcgtcgca gacaacgaat attgcattgc gatcatgaca ttctttctct ggatcccagc 300  
 ctcttttcgcc cgttggattc ggttgaaaat atatcaatat gaggtgactt ttgctgtata 360  
 tatgctcacc ccaaccgaaa agttcatctt taattccctc cttcttactc tgatttcaat 420  
 gatcatcacc gcgatttatg tctacctccc cgaccacatc agatccatct acggccacct 480  
 ctactattac tgggctggcg aacgtccctt catatcctcc gccttgcccc cgatcagctc 540  
 ggtattccgc gaggccggca ctcagacact agaggtcatg tacgagacag caaaaaataa 600  
 tgctgtgctg gccaccgata caatccgcga actataagtt tcttggtac tggcaatggc 660  
 gggcaaccct ttcttcttc cttctcctg actcggccgc ggcggtatct ggctatctgg 720  
 tttctgtgtt actcaggcgt gataccgtag gcgccatcgc ttgctgtgtg cgcttatcaa 780  
 gatacctttt aataatggat acctttccac ctcttacgca tctctggtcc ttgagcatgg 840  
 attgaggtgt cagcttagct aactgactg cgatgcttgg acgcatctgt tccatgttgg 900  
 cgttgcgatg ttgctcatat ggagtttagag cgatatgttg ctgagcaagc cggcgcatac 960  
 tatgagttct tgtgacctt cttcgtctct gctagcgtct ggcccttcagg gttctgaaca 1020  
 ctcatagcat ctaagtctcg atacttactg cgaccatgaa atacccttaa cagcgaagaa 1080  
 tagaaccgaa aaattct 1097

<210> 6533  
 <211> 666  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(666)  
 <223> n = A,T,C or G

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 cccttagatg accctgtgga cgaagagcgc ataccgcaa atgtcggtag attggtcagc 120  
 gctatgcaac acgacgagag tatatcattg gagcagcgat tgaccacctt ggaggtgaag 180  
 ttgattgacc tcgaatttgc tattgcccgc atgcagaccg aacgcagtga accttctccc 240  
 acggcgctcg caggaaggaa acaatcacag aattcgaccg agcacaagcg caaaaagtct 300  
 acggctcagt ctccaccatc cggcagtgaa gctacgttca gcgtcggatc ggcaggagat 360  
 cgaaccttga gcaccgttac tattgcccc aacgcacaac aacctgattg tttaaaaacc 420  
 ttacaaaggc cttctttaag ctcaactcagn gaccatacc cccgaatttt cggaaaacaa 480  
 tacaggcttt ggtcatgctt ttacaaaaaa aacaaacgcc ccgccgagac tctaaaaaga 540  
 aggttttggg ccaaccttcg gttttcacaa ggtggaccag ttaccagga attttttggg 600  
 ttttaaaacc aaggacccca tttggaaggg gtgattttag gatttatctc cccgggatat 660  
 aaaaag 666

<210> 6534  
 <211> 1187  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6534  
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 tgatgacgga ccctacgcgg aaccgactcc tggagaaga tgacgtccat gcgctacttc 120  
 ccaaattgcc ttccactctt cgctccctca acattggagg tgcgaaggtc acctcagccc 180  
 acacgcaagc gctgatcccc ttgaccaaac atctggaaga gctcggactc ggttcggccg 240  
 aactatctgc tcaggacatc aacctattct ttaaaccgcc accccgggct aacatggacg 300

tgatgagtc	ggcggaagt	aaagaagagg	actgggtccc	gccgacgctt	tgctatctgg	360
acctcaccaa	agctcctcag	ctgtcgctgg	gaacagtctt	caaccctagc	tcgtgcttgc	420
tactttcgca	gcaaagctat	ccgctgcagg	tcctcgagtt	ccacgagaag	cttattgctc	480
ctttgcgcga	gagaaccaag	aatgcccggg	catccctcgg	ctggaccggt	cgtgagctcg	540
gtcggcgagg	atgggtacgtt	cgtgatccgg	cttccatgcc	ccttcagggt	cccgatgacg	600
gttctcgctc	ctggaaaatg	ggtgccagggt	ggtggggagc	gagaaagatt	cccgttgcca	660
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ctttgctgtc	ccaatccttc	atgggatgaa	tgattatacc	ctactgtgtt	acaatttttg	780
tttggttggtg	gcgcgccttg	ttcatctatt	tcctctccta	tcatggggcg	ttcttggttg	840
gctatatccg	ggcaaattgt	acaggggaagc	atgagcgatc	aaaagtcggt	ggattcgatg	900
ttatgcctca	tggttagctt	ttgcttgagt	tgtctgcata	gcgggagcga	tggtcttttg	960
agcgttagga	tttgtctgag	tgtggtcttg	tggttacgta	tttctggtg	ttggcgatat	1020
ccccattctt	ctggttgctg	ttgggtatca	cttgcttttg	ctcatttggt	tcattgtttg	1080
gcaaggcgaa	gtatggctgt	ttctgatatt	actgtattct	ggtcgcgctg	attcaataat	1140
gcattcaggt	tataattagt	cgtaaaaaaa	aaaaaaaaaa	aattcct		1187

<210> 6535

<211> 722

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(722)

<223> n = A,T,C or G

<400> 6535

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tgctcaacgg	ttactccctc	tgctgtcatt	cctatatata	ccacccccac	gatggatttt	180
catctagtag	cgcgcggcga	agatcgaaac	tacacaggct	ttctaacgaa	gaccatcgtc	240
tacacatcat	ccttggttgt	ttttctagct	tcattcggct	taaccgtatc	ctccattgtg	300
gttcacaaat	ggatcagcta	tcgcaacgat	cagatctggt	attcatacgg	cctccatcgg	360
cgtgttccct	cagtcaccga	tgccctgcgt	agtttcccc	agcaggacga	ttgcagtggc	420
cgaggccgct	atttctgttc	catgtggcgc	tcctgtgggt	tncttatgtn	ctttngccgc	480
cgtcttgaag	gcattgagat	ccgcccatac	ctgatcatat	tggtcttggtg	gaaccaactt	540
gcgaatattg	gtggaagggt	ttaatgttgt	agatcggtat	cggctgtggc	caagcggcag	600
cttgtcttgg	ggcttattat	tacacattaa	cgcggttttc	cccgtcggaa	ctgacaatcc	660
tgatnattga	cctatactgg	gcattactgg	tttgccgggtg	ccttattgtg	ccgcggggct	720
cn						722

<210> 6536

<211> 801

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(801)

<223> n = A,T,C or G

<400> 6536

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cgcttcttgg	cattggctgt	gcctacatcg	cataccgccg	gtactttccc	tcaatcacag	120
agccttgga	aaagggacga	gcgtatccga	ttcgggtctg	gggtagggat	ccggtcgtcc	180
caagcgaagc	tgccctctt	gtgaccacca	acgaaagcac	tgtggctctg	cggaatcccc	240
aggaggaacg	actcaatgca	tctggtgtac	ctgacactag	agaccctact	caattacgcg	300
catcaaggta	tatgcctcca	gctaacaacc	cataccgccg	taatatgtat	ggccgcgatg	360
acgacggaca	ttggtcgtct	tcaagtggag	atgttgccga	tggatatgaa	atgcaacatg	420
gttacgctcg	gacacagaat	ccgacatacg	gcggacagct	tcctcgctac	gagactgata	480

catcatatca	ctcccagatg	caacccccag	ttacaggagt	cagcgtgtcc	catccaccgg	540
cgataacgac	cattcgctct	gatggtgaaa	gggatttgac	ggacgtgcca	ccgcgagcat	600
tttaagaata	aaccttaatt	ntaagaaaca	tttttggcta	cagccagtgg	cacgaacatt	660
atgacttttt	tttgatcaga	catgggggat	taggaggacc	taccaatttt	attactgggt	720
gggttaggta	ttggcattat	tgatacccct	ggaacttgct	tggatattgg	ttaggagaga	780
aaattccgat	tttttaactc	c				801

<210> 6537

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 6537

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gccc aaatca	cccacaacgc	aacccccacat	gaaccgcgag	ttatccacag	ttggtaacaa	180
cgaacatgca	caaccccggg	ccatcggaga	aggcggaagt	actaagtcct	cggatgtccc	240
gatgaaggat	gtctctgggc	cgacacaggc	ttcccagcta	tcctcgcttt	cctgagatgc	300
cagaccaatc	cctcatccaa	gctgcctcct	gccgggtggtg	atggtagtga	cagtgggcaa	360
tgtgttatct	ttattttatta	tttgaatctg	tacacgatgg	gaattggcgt	tcaaccgggg	420
atatgtggtg	gctttttggg	cctaactctt	ttttctgggt	cttttttccc	ggtttgtgac	480
ggcgtatcaa	gcgtggggat	gggaagggtt	ggaaatatac	tctgggatat	gaacggcaaa	540
aggttgtatg	gggggttaagt	caccaacact	cgccacttat	gtgccccatc	ttgcttccga	600
aaatctggat	aaaccgggcg	aattgggttc	cataccatt	tttttattat	ccccaaaaaa	660
aaaa						664

<210> 6538

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<400> 6538

ctggatctgc	aaagtatcaa	cttgcggaac	gtgaagcagc	tatcttatct	ggcattcata	60
acaatgccaa	aagaacggac	cacctgtggc	attcattgca	cagtaagacg	gctgaggctc	120
ggatattttt	atgccgtgaa	gccgcctacc	tttataatct	acagcagaaa	gtcaaaaaga	180
gagatgggtga	agttaaagag	gcataataca	ttgggtggcat	acctatcata	gatcttaggg	240
acatgaatgg	tgctacaccg	tcgcaaattt	caacgtcatt	ctcctatatt	gctcaactcc	300
tagtacttgt	ttcacattac	ttgtccctaa	ggcttcctgc	agaaatcaca	cttcctcacc	360
ggaattaccc	tgcgccctacc	atatacgcac	cctctgggtc	ttatctcttg	cgtgaaatgt	420
taccgcgcatc	aagtacgttg	cagccctcgc	cttctagttt	aacaccatca	cgaacagcgg	480
atccgcgggc	ttgctttccc	cgaccccgac	cactctccat	tgacagaagt	ctcccaaaac	540
tagccaggga	agatcccgt	acatacgctc	tctttataga	gggggcgacg	ctattggctt	600
ggaatatctc	ctggcctttgc	cggactcaag	gactccatat	aacgtcagaa	tctttgggaa	660
gag						663

<210> 6539

<211> 577

<212> DNA

<213> *Aspergillus oryzae*

<400> 6539

cgggggcaaa	ttccctttca	atcaaaactgc	cgacccaagg	gaaaaaatc	tgtgcaaacc	60
cagtttactt	agggcaaaaa	aaatcaaaaa	acaaaaccca	ggtaactttt	ttgacccatt	120
tcccaatcca	tccc caaatc	caacccaaac	ccacttttaa	aatccaatcc	aaaaaaacca	180
aaggggtttc	ctgcccaaac	aacccaaaagg	gaaactttcc	caataacaaa	aacccccccc	240
cttttgggtc	aaacaaacta	ttttaaactcg	ctccaaaaaa	agtccagcaa	aaacaatttt	300
tttaaaagaa	cccaaaatgt	ccaaaacagg	ctgccaaatt	aaaagtattg	tcggatcagt	360
cattaatttc	cccaaaactcc	ctgggggaaca	aaggaaagt	gattgaatgt	aaggacctct	420
tgaatgcatt	caaaaacccat	tccaggggatt	ttggttcact	gaccataggc	tggcgggggg	480
ttttcctcat	ggtaagggaag	gccccaaaaag	gcccccccc	aaaaactggt	gggcttaaat	540

tttttgtccc gattgcaaaa aacaatttcc cttttcgc

577

<210> 6540  
<211> 660  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(660)  
<223> n = A,T,C or G

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cctgtctgct gttctcactc gcgagaacag agtgccgtcc atcagttcat ggaccacttg 180  
accttcagtc cgaacgagac catggtcggg acaaagacaa ggatgagcgc cagggaagaa 240  
gagaagaaaa ggtggggggg tgtccggaaa cgaaaggaat gggaggacac cgttgaggga 300  
tatggaaaca tccgagcgtg gtgaaacact gggaaattgg gggggtatca aacaaggggc 360  
atgacgtgta taggattata gaaacaggac ttgctcggga attttggaat tatggctttt 420  
ttcttttttt tgcttctttt gaatctctag cgtacgggag gtccgcagtc cagggcgaaa 480  
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ggggagcggg cagggacaaa gcaaagattg acagaggggg gaagtaagga agtgagggaat 600  
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<210> 6541  
<211> 707  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 6541  
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agactctctc gtcagcaaca cactctccac tcttgctata ttggagctca acctactaca 180  
actgaccatc actgccgctg tgactgctaa cctcatctgt gcatgccatg agagcacaca 240  
caatgaacaa gaccaaatca tcagcgatac gcaatgtatg cacttcaggc ctggagtggc 300  
aacgcggcca gtctcagatc ctccccagc gaggcacgag ccaacaccga cccggtcgcc 360  
ttcagcttctg atactacttg ggacgggtggc tcgcccattt ccaccccggc agcccctcca 420  
ccaactcctc aggactctct gcttgatatt acccctcgca agtgctcttt ctctaccgac 480  
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acggacaccg aggtttctac tggaagcgcc tacatctcgg acgaggaact ttgcttcgat 600  
ttgggacccc agtccgaatc cgccgtggaa gaagagtcgg ccgtggaaga tgccgtccga 660  
cctggtgacc tgacgactga acagcagatc cagatgctgc gcgcgcgc 707

<210> 6542  
<211> 673  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(673)  
<223> n = A,T,C or G

<400> 6542  
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atgtgagctg tacgtggcag atgtggatgc cgcaaagcaa gtgctttcac ggtggagaga 120  
ctttccaaaa ccaagtagtc tcctagaaaa aatgaatgct tttggcaaaa acctagcaac 180  
ggggccgact ggcagcgtca ccggaaattg accgcgctg cattcaatga aaaactacac 240  
gaggcagttt gggccgaatc gacgagaaat gcgacaaaag tgatgacgaa atggaacaac 300



accaa	gcctg	tctac	agtac	acggt	ccgat	atgat	ggcac	taagc	cctggc	tgtg	cttttt	360
aaagc	ctgtc	ttaat	attga	tggag	atgat	aaaga	cagata	ctagg	atatt	agcag	gtgat	420
gttg	ctgcct	gtcaat	ggca	tctgg	atgtg	gtatt	aaagg	ggatat	cga	cccaat	ggct	480
ctagg	ccgag	gatttt	gagg	aataa	agaaa	ctcaag	agga	gccata	aaagc	cttggg	gggag	540
ttact	gaccg	agtttt	gtgga	agccc	gaacg	atacg	accaa	nactgt	cggc	gcatg	cagac	600
ctnct	ctctt	cgatc	cttgc	tccaac	agat	catcg	tgggc	tatcg	agcga	tgaag	ttacg	660
ggaaat	ctct	ttt										673

<210> 6543  
 <211> 705  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

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cattc	ctctt	tactac	gctg	agtcct	aaaa	ctctg	gcgct	ggaata	actgc	attcg	taa	120
cggat	gacaa	aattac	cccat	gaagac	ttta	ttccat	ctac	tgatc	cctatt	tgcaga	aatgt	180
tgatc	ggttg	cccaat	taata	ccttct	ctctc	gccata	tact	tttgt	tttggc	cctcag	ctaa	240
gccag	cgtag	tgtag	agcca	caggtag	gaa	attcg	tctcg	gggaga	aaaga	gaaat	ctgcg	300
tgggag	caag	cacga	aactat	acgat	gcagg	aacttt	tagtc	agcct	gtatg	aaaatt	gcat	360
cccac	aggac	gatga	accggc	tggat	ggact	caccg	aaaac	aatcat	tagca	acggc	aaatc	420
agccg	agcgg	ngagg	atcca	agget	ctggg	gcgac	aagat	acctg	caaga	tgcaa	atgaa	480
aatgg	gggcta	gcctg	gacaa	ggttat	ccctt	gacta	aagtga	gcttt	gcatg	aaaact	tcca	540
atcct	ccctc	acaag	attag	cgatc	ctctt	tatcg	cccc	cccaac	aaacc	tttag	aaaga	600
tgacag	gggt	taata	ctactga	tcatt	tggaa	gggtat	atccc	acctg	atgat	ttttct	tcaa	660
ccaaaa	accg	gggat	cccca	ttggag	acca	atcccc	aatt	tgccg				705

<210> 6544  
 <211> 560  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(560)  
 <223> n = A,T,C or G

<400>	6544											
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accggt	tatt	agtgt	ttttct	cttttt	ttctg	caagc	ctcac	caaaag	agag	atgct	gcaa	120
attatt	ccgc	ccaac	gcctt	tttttt	tcaat	catgat	tttct	aactac	taaa	tttca	ctttc	180
tacagat	caa	ttgaaa	aaata	aaaac	aaaga	aaac	ctaccc	atttc	gctaa	atttc	cagac	240
caaaaa	aaaaa	aacca	aaacca	aatcc	atccc	agccc	ctcgc	caatt	gcccc	ccaag	tttcg	300
ctaatt	cgcg	ttgaa	agctg	gccag	ttcag	ccagt	caaa	ag		ttgtt	catgt	360
catgtt	gctg	ccaa	aggatg	gctca	aaacac	attgc	cctggc	tggtt	cagca	cctgc	gcaat	420
ctggt	cgctc	gacat	ggtgg	aaaac	tgaac	catatt	cggc	cacag	cattc	tgtgg	gtcat	480
tgaag	cttct	cggcag	gggt	tgggg	gcgtg	tcctg	catca	gctcc	gatga	cgatg	gcgtt	540
gncctt	tg	ctt	ttgg	cg								560

<210> 6545  
 <211> 665  
 <212> DNA  
 <213> Aspergillus oryzae

<220>

<221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

<400> 6545  
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 tgatgtcaaa ctccagctcg cccccgcata cggagacttc ctgcgcgcgc ttctctccaa 120  
 cccctctacc tcagcccttg ccggcaagat gacggataag ctggtcgctg aattccgcta 180  
 tgtgtcacc caggccacag ggtcgacggc cagattcctc gagtacctga cttacggcta 240  
 tatgatcgat aacattgctc ttcttatcac cggacttcta catgagcgtg ataactcgtga 300  
 gcttctggag cgatgccacc ccttgggctg gtttgagact ttgcccgtac tgtgtgtggg 360  
 cacgaacatc gaggaacttt ataactcggc cttgattgaa acaccattgg ctggctactt 420  
 caagggcagc ctacagccacc aggatctgga cgaattgaac atcgagatcg tgcgcaacaa 480  
 cctctacaag aactatctcg aggactttct acagtttgtg aacacacacc cagactttaa 540  
 gggcactcct acacaagagg ttatgtctga acttctgggg gtcgaggcag accgccgtgc 600  
 antcaacatc accctgaact cgttcggggac agagctttcg aagcaggaac ggagaaagct 660  
 gtacc 665

<210> 6546  
 <211> 680  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6546  
 cggcgcttcg gagtagctgt gctagccttc gaagcctttt gaaataatgt tccgacaaag 60  
 tattcggcgc ttccgaccca ctgcgctccg cgcagcagaa ggatcgaccg cctatagcgt 120  
 ccgggtgtcg caagctcagg gctacgttaa cggctttaca gaagcaattg gaaacacacc 180  
 acttatccga ttgaagcgcc tctccgagga gactggctgc aacatcctcg gtaaagctga 240  
 gttccagaac ccggaggcca gtgtgaagga ccgtgcagca ttgttcgctg tcaaggatgc 300  
 cgaggagaag ggacttttga agcctgggtg tacagtgggt gagggacag ctggtaacac 360  
 tggaattggg ttggcgacag tgtgtaggtc aaatggctac aagcttgta tctacatgcc 420  
 caacacgcag tccagagta agattgactt gttgcggctg ttgggagccg atgtctaccc 480  
 tgtgccggcc gtcgctttcg acaaccgca gaactacaac caccaggcaa ggagacatgc 540  
 cgagtccctg gataacgccc tatggacgaa ccagttcgac aacactgcca atcgccatgc 600  
 ccacattgag atgaccgggc cggaaatctg ggcccagact ggccgacaag tcgatgcttt 660  
 cacctgtgct actgggaccg 680

<210> 6547  
 <211> 645  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

<400> 6547  
 ccaaggccat tcaagatggt ctttcatcct tgaaccctt tcgctcgag ggctttcact 60  
 gctcagctcc tccgccgcag gggaggcttt tgaaaagctg tctgccgttc caaagggatg 120  
 gcactattct agtacccta aaggcaacac tgagggttgt ctgaagatcg ccctcgcgca 180  
 gaaggatgct gctgggttcg aaaagaccgt cttggagatg tcggatccc accaccccag 240  
 ctacggccag cacttcacca ccacgacga gatgaagcgc atgcttctc ccagagatga 300  
 caccgttgat gccgttcgac aatggctcga aaacggcggc gtgaccgact ntaccagga 360  
 tgccgactgg atcaacttct gtactaccgt cgataccgcg aacaaactct tgaatgccca 420  
 gttcaaatgg tacgtcagcg atgtgaagca catccgcgt ctcagaacac tgcagtacga 480  
 cgtccccgag tcggtcaccc ctacatcaa caccatccaa ccgaccacc gttntggcaa 540  
 gattagcccc aaagaaggcc gttaccaca gcaagccctc ccagttggac gtgaccgcc 600  
 ttgctgncgc tgtcgttgca aagaacatct cgcactgtga ttctn 645

<210> 6548  
 <211> 596  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6548  
 cgaggcgatt tcggccacga tctcatctcc catatctacg cggctgacgg cagcgccgac 60  
 gtaatgcgcg atatcagtg atccggcgag ccggcgattc caaatatcac agacctactg 120  
 aacccgaaca tcaaagctgt taacatgaac gagctctggg acacgcatct ccagaagtgg 180  
 aattaccaga tggagtacct tgagaaatgg cgggaggctg aagaaaaggc cgggaaggaa 240  
 ctggacgcc aacatcgccc gattacgect accgctgcag tacggcatga ccagttccgg 300  
 tactatgggt atgcctctgt gatcaacctg ctggatttca cgagcgtggc tgttccgggt 360  
 acctttgcgg ataagaacat cgatgagaag aatgagagtt tcaaggcggg tagtgagctt 420  
 gatgccctcg tgcacgaaga gtatgatccg gaggcgtacc atggtgcacc ggttgcagtg 480  
 caggttatcg gacggagact cagtgaatag aggaccttgg ccattgcaga ggaagtgggtg 540  
 aagttgcttg gatattgtgt gactccataa ctaataagtg tcagatagca atttgc 596

<210> 6549  
 <211> 1112  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6549  
 cctctccttc ttcttggtta ttgtgccttc ctgattatcc attgatcaga gggttcttga 60  
 tatcatcagt atgctggcac gtactgtctc gcgcagcgtg cccttccggg gtatcgcacg 120  
 gcagtccttg aacagagcat ccacgcgtgc gtcttcttcc gccgccggtg ccgaatccgc 180  
 cagctcccc ttccacctca cagtcactgc gtccgtcgca accgccgtcg ccgtcggatc 240  
 cgccgcctat ctctatggac aggaagcttt tgcacgacc cctgctgaag aagggttgca 300  
 ccctaccaac tacccttggg aacatgccaa gtggaacaag accttcgatc atgcggccct 360  
 ccgtcgtggt ttccaggtct accgtgaagt ctgcgcttcc tgccactcct tgactcgtgt 420  
 tccctggcgt tcgttcgttg gtgtcatgca caccgtcgat gagatgaagg ccatggctga 480  
 ggagaacgaa tacgacaccg agcccaacga ccaggcgag atcgagaagc gtcccggaaa 540  
 gctgtcggac taccatccctg ctctttacaa gaacgaggag gctgcccggg ctgccaacgg 600  
 tgggtgctctg cccctgatc ttagcttgat cgtcaagggc cgtcacgggtg gctgcaacta 660  
 catcttcagt ctgttgactg gttaccccca cgagccccc gctggtgcca ctgtccagga 720  
 gggcatgaac ttcaacctt acttccctgg aaccgctatt gccatgggtc gtgtccctct 780  
 cgatgggtgt gttgagtacg aggacggcac tctgccacc acctccaga tggctaagga 840  
 cgttgttgaa ttctcaact gggctgccga gcctgagatg gacgaccgta agaagatggg 900  
 tgtaaggcc attgccctcc ttaccgggtc ctctcgtgtc agcgtctggg ttaagcggtt 960  
 caagtgggtc tcgatcaaga caaggaagat tgtgtacagc cccctgtct cccggcgctt 1020  
 aatgatacaa cggactatat gaattgcaaa agggagagat cggcggccag agaaccttga 1080  
 aaataatcga ccccgccctt atatggttgg gg 1112

<210> 6550  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 6550  
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 ctatggaaga gagtcgcaag gccaaaggaga agaagaaagc agagatcgag caggccaaag 120  
 tactcagata cgcgcagggt gtcggtaggc agtatcccgg ctccgcggct cccaggttg 180  
 ttccgagccc gtcggcggag tatcaggtct acctcaacga tatacctttc cgtgtctcac 240  
 gaggtggtag taaattgatt agagtgtctg atgatccgaa tactgtcaat aacaccccaa 300  
 agagagtaac cattgccggc gttacctttg ttccggagcan anatgggaac ctccatcgcc 360

tttgtgcggt	tacttcgaan	aggaagccca	acgcaactaa	gaagaatgag	cttttgccgc	420
agattcacta	cgaacggtac	ctgctacaaa	aggcctttct	ggctatatgt	tcatagaacca	480
aataaaagtc	gcgctgggccc	aagactttct	ccaaactggg	gattgccccg	cagggtttaa	540
ttgggatctt	ttccatgaac	cttcgccccca	caagatccct	tcttttgattg	cttttccttc	600
gagggggcct	gttcaacccg	gagggcgcg	atgccccaat	tcggttgata	ccttggggac	660
cccttttcaa	aat					673

<210> 6551

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<400> 6551

ccatgatcca	actaaaagac	cttccccctc	cacctccata	ttcagggacg	caaccgtctt	60
ccttctcaga	ttgcccctac	gatgaagaag	ccgcctctga	gtcaacagag	cctgaaggct	120
agaattcgac	ccacgaaata	ctattcgccc	tggcgacacc	cagcgttggt	ggtcacgcaa	180
cgtaaaagcg	cagatctttt	gtttgttctg	tgtggtcttg	gtggtagcgg	cgacaccata	240
tgtggttttt	atggttttaa	tgagccagtg	gaggttctag	gtcccgggaag	acgtctctta	300
cggatctctc	aaagcacgcc	gggaggtgct	ggtctggggc	tagggagagc	tgtgatacgt	360
tacaggttta	tggtcgactt	gtggcgaccc	atgagattct	ttctatggtc	gcattttatg	420
gattaggtgc	gcgcagccaa	gattgcagga	accccgatgg	tgggagatag	acacatacct	480
tatgcggtac	ttcaaacacca	gcctctccca	atgctgttgg	ttttcgggtg	atttgtgtgc	540
ccggttctcc	cctgacaggg	ttaaaaagag	gtcattcgga	tgacaaggag	gaccaggagc	600
aaaccagtgc	ggagagttca	tactggagac	ggttaaatag	agcttcatca	ggaatttttc	660
ga						662

<210> 6552

<211> 745

<212> DNA

<213> *Aspergillus oryzae*

<400> 6552

cctgtctggt	tcgaaccctc	tgaagatcca	acttcagaag	tgcagcacag	tatacagatc	60
gcacatgctt	atcgctgggc	aacgattcta	tatctccatc	aagctgttcc	agagatgcct	120
tgtgagccgg	cgtcagaact	cgccaagcga	gtattactgc	tgttgcccac	cgttccaccg	180
agctcccgga	caacaatcat	tcaaagtgtt	cctctcttag	ccgctggatg	tgaagctgat	240
caggaggaag	accggcaatg	ggtgctaggt	cgatggagat	ccattcagac	tcgtctcatg	300
ctgggttcca	tcgatcgctg	catagacgtg	gtccatgaag	tttggaactcg	tcgagaccag	360
tttgaggccg	aaaagcagcg	gcggcgagttc	cgagggggcg	gtcgttccaa	ttcccttgac	420
gatcgggaa	cgggtgggaag	agatggatta	ccctacaaaa	aacatggtag	acggggatct	480
aaataatccc	gccatgtttg	ctaaagagtc	atacagaaga	cccgcagctg	atgacccggc	540
gatatccttc	aggggaactg	ggaaccccac	gggggagttc	tgcggttttt	ttcccttgaaa	600
acatcgaatt	tgaaaaaccg	ttagggggga	tttacattgg	gtcagtggtt	tgcaagaagg	660
ggactgggaa	atattttttg	gggaaaaaat	ccccgaacga	aagaaacatg	gctttattct	720
tcacaccctg	taataaacia	ccctg				745

<210> 6553

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(675)

<223> n = A,T,C or G

<400> 6553

cgcaacgaca	aacccttccc	gactacatta	ctgcacaccc	ccctgcccct	gacctgaccg	60
gacctgccgt	gcaactaaat	taaagcggca	ttgtccaccg	gtgatatttc	tcattccaact	120
acagactgtg	tctccgcatt	gactcaacac	caccatgggg	tcttacagtg	tatcgctcgg	180

acagcacagt	gcgcggacgg	gaggaagttc	gagctccact	tacagtgatg	cttccgatcg	240
ttcgaaaagc	actgccctta	cgatctatag	cgagcggccc	acatcaaagc	ggagagagaa	300
catggaccgg	aaagattcag	tatcgacctt	cgcttcgacg	aaccacgacg	acgaactacc	360
gaagaagccg	cgctatgagg	tggttactcg	cggggcccag	tcagatattt	tcccttcgga	420
tgcgattccc	tcgaattcct	ccacttttgg	gaagttgttc	ccatcttcgc	gacggctgct	480
tatcgggcat	gatgatacga	ccctcgatgg	gaacatgaac	ctttgtgtgc	acacnctgc	540
gccacggaga	gatggctatc	agcangccgt	tatacttttt	catctccgca	tgtacgattt	600
gtactcaaga	gacttttcgt	ttcgccgcta	ctgtcgcaat	tccgagcgcg	aggtgtgtca	660
ctcagcacga	agacc					675

<210> 6554  
 <211> 520  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(520)  
 <223> n = A,T,C or G

<400> 6554						
caacgtgacg	ccgcccgcga	cgctcattac	atgaagagca	caatgggtcca	gtcgcagctg	60
caggatctcg	aggagcccaa	gggcgaatgg	gatgcgctga	ccattgatgc	tcattgtgcca	120
caggagcagg	ttatgcggga	ggttcttgaa	gcggtgaggg	ataagcttgc	tgagtatcag	180
tagcttgcg	tccctctctc	tctcttttgc	ccgtttcttt	gagtcctccc	cgctgttctt	240
tgtgagcggt	ctttactact	gctcttgact	ttggttatgc	ttcgagaagc	tttgggtatg	300
catggatgac	ctcccgtct	ggtgtctgtg	gagtttatta	tcttgccgtg	gttctacgtg	360
ttggaaaatg	tttcggtgaa	actatggatg	gagttacttg	ttggattcgc	ttttcctctt	420
gtcatgggtt	ataaatatta	tacctattgt	atttgntaga	tctacatatg	ccttgctcgtc	480
ttgttttggg	acagagcttc	cattattttt	ggaataagtt			520

<210> 6555  
 <211> 629  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(629)  
 <223> n = A,T,C or G

<400> 6555						
ccgcccagcc	tcacggccgt	cgagccaggc	ggcgctcgct	agtctccgac	cgctgtctga	60
tgcaccccg	gggcccggag	gacctgagtg	gatcgcgggc	accagtgaga	gcccagcacg	120
acggagcagc	cgcgacgaag	gtgcgttcta	ccaggccgaa	gccgcaatgc	tcgcgagggg	180
gaatcaaatt	ttgcgacagc	gcatccggga	tttagaacgc	caggtgagtg	agttgagcac	240
ttcgcccact	cgaggtggtg	tgcggtcggg	cgagatcgcc	gcaactcctg	ccacagaagg	300
cggcgcaact	gccgatcccc	atgcgactgt	tggagtgaga	tcgaccaatg	aaccgcggga	360
taagacctga	ttggacaaat	gcaataacctg	catcggggga	cggagtattt	cacggtgtgc	420
ttctccagat	ttcaggacga	tcaatacggg	gtacatatct	cttacagcgg	gcaaccgcag	480
ttcaagggtta	tatgcattgt	ctctttatga	gctggctccc	gctctggtcg	tatgcgtgcc	540
atctaaagtt	gtctatacga	accagcgatc	cgagcgcgag	cctacaggca	tcccgcggga	600
tatgaacaat	cttcacacct	aatcacaan				629

<210> 6556  
 <211> 643  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 6556  
 caatatcaag atatatgtact ttcttgaaga cgtcctgatt ctcatctgtt taatatacgc 60  
 catcatggcc gacagcgaaa tatcaccaga aactatacta tcggagctct ccacgactcc 120  
 atatgtctgc tcatctgttg agcaattaag cgggtgggacc gccaaacttcg tctttcgtgg 180  
 cactctgctt cgtccacgtc aagatggaac cacaaccgtt gtcacaaagc atacagagga 240  
 ctatatagca tcaaatcgcg aattttaaatt atccgcccac cgctgtctca tcgaaaaatc 300  
 cattttaacc tcacttaata acttccccag ctcgaaaatc acgaacgatg aagacgcaac 360  
 cagccaattc acggcaaaaa cccccatat atactcattc aatccgctca cccacacccn 420  
 aagtatggaa gaatcttctg acntcgtaga tctaaaatca ttttttgtgt cgcccagctc 480  
 agctcgaact gtgccccgt gaatggggcg tgtctcttgg ccgggcattg nggcactggg 540  
 ctgagtcctt cattcatggc ccaggagcca cacaggctga tgtgctctgg aataaagcan 600  
 aaccactct tncggatttg aagtcagcat aactatgata att 643

<210> 6557  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6557  
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 tgacccgaaac ttccacacag atgcgcgtga ttattttgct cgacacatgc gcatcctcga 120  
 gaggtgctct tctgcttggc cgatgccaga aatgcaagca cagatcgact ccttgccggt 180  
 agcattctcg gccgatgtga atagaccctt cgagcttaag cccacatttc cttatggaag 240  
 tctttcagag ccataccatc cgagcccgcc gcctctcgac tcacaatacc aacctcatgt 300  
 aagtcagggt tctggcgggc tccgggggtcg ggtgggttac aaccttatc cgatcacccc 360  
 accaatatca gctagtactg aagattcaaa gtccgattgc tccagctcc attctctggg 420  
 gatgatgccg cccagcctg tctcgagtca atcattgaac gcgcctctcg ttgacgagaa 480  
 cagctgggat cccaccgta taattactca gtgggacatg gcattttcca tggcgccctc 540  
 cacagtgaat acaaaactct ccccaatggc tatggatcat tcagttcaag cgcctttggc 600  
 aggacaatac actgtccagt atggacaaac aacaaagggt acgccagtca cgccttctca 660  
 gggt 664

<210> 6558  
 <211> 653  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6558  
 caaatctttt cagtcaatta taagtactta accagggaga cccgagcgaa aatgaagacc 60  
 ttcttgcccc tcgtttcgct tctgatgggc gtagggatga cttctgctgc ccccgctcta 120  
 aaggctcgct ctgaacgcga cgtcaaccgc gaaagcgac actcatttaa gataaacgcc 180  
 tacagttctc ctccctctga tggtcagggt aatgatgcct tgcaccgcag ggaggtgacc 240  
 ccggaagggt caaatattt catcattcat tcttatggca atccatcgga acacaaagtc 300  
 gatgatgcgt tagagcgccg aaacgaggac agtgtcgacg gcgcacgtat cttcaatgcc 360  
 atcgagtcct atgggtctta accatgtcga aacttgatta tttttatgca gcgcctggaa 420  
 gagtgatgga ccttcggact acccggttta ttctcttgcg agtgactcct ggggacagat 480  
 atatgtttat cggggttcct gggcctcggc ctttattttg gaactgcaag ccgggaccca 540  
 tagttatctt aattttgcgg gcgtgttgaa ctcttgattt ggaatttata gccgaccaag 600  
 gcgacttaag cttatctttc ctgggggtat ataatggtat aaaatcgcta ccg 653

<210> 6559  
 <211> 582  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(582)  
 <223> n = A,T,C or G

<400> 6559  
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 aggcatagtg ggcattccgg cggagatgac ggggccgact gtgtacagcc actgtaagct 120  
 cctgttattt ccgacacggg cgcaacgcgg ggtgaacc aaagattatta atagcgttta 180  
 agtcttggct ggtggagtcg ggcttcaccc tgtgatggcc ttggttttga ttgaccaagg 240  
 aactgctggt gtttgtatgg actacgcgac gtggttaaag gaggacctga caaaaattga 300  
 ctagcaaacg aggcttgacc atccagtcgt ttcgaaaacg tcattgcagt ctcttgattg 360  
 tatgccgtga cgagcgtcaa gaatggatac tacgtctaca gatgtagatt gcggtagcat 420  
 gttggtaaag aaataatact gttggaccct gctctttcga ctccaccaga gcgggctaattg 480  
 tgccctgcgc ttctggcatt aagtttggag attctcaatc taagtgcctt actttttgtg 540  
 ctactcgnaa aggaattaat atgggtgaaa atttctgct ga 582

<210> 6560  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 6560  
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 gacaggttgc gccgggagca accctgatgt atgaggatat tctgtacgcc tgcgacgagg 180  
 atgtctgccc tgaatacacg aaagaccccc ggatcaagga ggtcgtgaca cttacttcgg 240  
 atctctcgcg caagaacctg gaaaccgatt tcgagcgcat ggatacccct caggaggtct 300  
 tctaccgtgt atacttcgac atctacctca cactcgatgg cagtgaattc agcgccgaac 360  
 tcgtctgcca gggcgagggt atgggcccga gccgagccaa attccggtaa atcagacaca 420  
 ttcagattct gatgctgggt atataaaaaa tcttaaagcc aaccgacgga ctcggttggc 480  
 cggcaactgc acagggcggg cgtttatacc atctttctca tccattcccc ttogaagccg 540  
 ctgggcaatg ttgtccagag gtccaccatg gagtttacct cttattctta cttatgttc 600  
 cctcatgttt gatgtttcct ggataccttt atatgagctc accttgatga ttggttgatt 660  
 n 661

<210> 6561  
 <211> 665  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

<400> 6561  
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 ttaccctttc tgatatccat tatcgtcact ctttttctaa gccgcggcgc tgggtcaatt 120  
 atcatgtctt acgtgctggg actattgtga gttggcttca gcgttttttt gtttgatgat 180  
 cattcgtatg atccgatgtc tctccttttc aatattcttc atgtcttaaat gccccatctt 240  
 ttcgtcattt aaaacctgtt gacatgacgc atcttagacg atctgttggtc cgttcccttt 300  
 agcatttgca ttatatatgg gcattgggat ttcactcctt tccggcagtt gtacaattat 360  
 tttggcatag catggcgtcg ctgtccttcc ttttggtttc gcaggctctgg gtatttggga 420  
 tttctgggtg ggatggcgaa ggaaaagtgt gcaatgtgtt ctgtttcaat ttccgatgca 480  
 ctgtggttca cttgtgctca agcacactga gactccaggc agacttttgt gttctttact 540





ttacccaaaa	atgctttttac	cgaattttatg	cccctgaaat	tcccgggtggg	cgaacatttt	600
tcaacagggt	tgccctggac	gggccccttt	ccaaaagaac	gcttcctgaa	caaccctggg	660
g						661

<210> 6565  
 <211> 662  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> n = A,T,C or G

<400> 6565						
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caaacaagca	cagaagcccg	ccggtctcag	cccagcagag	caagcgatgc	gagatgcttt	120
attagcaaag	aaggccgcag	aagaacaaga	gcaacgcagc	ctgcaagaaa	aagagctacg	180
tgcatcacag	cgtagagcgg	aatcgcgggc	cgattggaac	cgacctccaa	ggcgacagaa	240
caagcgacgt	ccttttcgacg	atggggagag	ccgatcactg	cagcctgata	aagatctaga	300
ggtaaatacc	agacatgtac	cgagaagtct	gcgtgcttca	gactggatct	gcccggactg	360
tcaatataac	tgttttgagg	agcatcagac	ttgcccattg	tgtaaagctg	tccgaccaga	420
tttggcgtgg	ccgtcgtggc	cttccaagaa	tccggcgagc	aaaatggaga	gaacccgcag	480
ggctgaaacg	cgcaaagctg	gcgcttcaga	agaanaccct	aaagattcgg	agactgggtc	540
atgagatgct	gttcgaaatt	gaccaagaac	aaggtgggtt	tcgcagccat	tactagaccg	600
gaaaatggct	ttatgacatt	tatgactaat	taggaaaacc	acttggaaacg	ccggtttgtg	660
tn						662

<210> 6566  
 <211> 943  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(943)  
 <223> n = A,T,C or G

<400> 6566						
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tatacttact	ttcccttcaa	tcttgggagt	tatccttcgt	tcctccatta	ctagaccttc	120
atcttttgaa	gaccacccgt	ctcttgaata	cacattataa	tacaatctat	atatacccat	180
ctacgaacct	catttggtcca	tcaatcagca	tgtctttgac	ctactcggac	aatcttgctc	240
ctcagccctg	gaccgatgtc	ttcacagacg	acacatgtat	tgacaggcgc	aagtgccacc	300
ggaccgtgcc	catgaaggtg	ctggcactcg	gcgttggaag	aacgggaaca	gcatctctcc	360
gcatcgctct	ggagcgctc	ggatacctga	agtgctacca	tatgatgtcc	gctagtgtgg	420
agaaccctcc	tgactgcttg	atgtggcacg	atgccctact	cgccaagtat	gatgggtgtg	480
gtgagtttgg	aaggaaggaa	tgggaccagt	tgctgggaga	gtgtcaggct	gtctgcgatt	540
ggcccgcctg	tgcttttgct	aaagagttga	ttgaagccta	ccctaattgct	aaggttattc	600
tgactactcg	tgatgtggac	tcgtggcatg	catccgtcat	gaagactgtc	ttttggcgtg	660
tgagcgatcc	tgaacacagc	tttgtttcga	acttcagctg	ggctgccagc	atgtactacc	720
ctatgttgaa	caagtttttc	gagaccttct	tccgcgggga	cttccccaac	aagggaagc	780
aggtgtacca	ngatcacgtc	gacgaagtcc	gcagcctggt	cccacctgag	cgctgttggt	840
agtacaagat	cagcgatggc	tggagccctc	tgtgtgaatt	tctgggagaa	gatgtccccg	900
acactccatt	ttccgtggaa	atgacatggc	cgaattcttc	agg		943

<210> 6567  
 <211> 728  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 6567
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cccagacctt tgatttagtt ctaggctgcc ccgcgataca ttgtactagg ggtcagagtc      120
tcaactctgta ttttaagact gctacctggg tagtttagca ctcgtttgcc tactcttgat      180
tctcaaccac agccactcat tgttttcggg ggtcggccta caaggacctt tgtcacagta      240
ccaatattat catggctaga catcactcgc ttgattctga gagaccgatc atggcccctt      300
ccactcgagc gtcgaaaaga ttttcgaccg taagcgggaa cccttcgatt gcttcgtcag      360
gcaccattgg aagcctacca agcggcgatc ctcgtttgcc tgaattccat cacttgctg      420
acggactgga ggcctggag aataaacctc ttcagaagca acgcttcgtc cctactcccg      480
aaaagagcga taacttgagc aagctggcgc tgagtgcgaa ggtggaacga gcacttgacc      540
ggagaatgac tggccaggat gctatcatgc gcaagccagt tttgaacgag aaggccgctg      600
ctgaatctac aagctcgtag acgatctgtg gtctaccgga taagtttcgt ataaacgcct      660
tgagttgata tctatgtttg gtccttaaatt cttttcattt tcattttttc ttttctgagc      720
acctgggtt                                     728

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<210> 6568
<211> 689
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

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<400> 6568
tggacaagca gtgagatcgc tgagccacat gcttgcccgc ggtcctctgg ctatgctgac      60
ccccataccc atcagccaac atcccaatca tactagacga aacatagaag aaatcactcg      120
ccggccgata ccccgtcata gaccaattga gatccgagta gtccgcgcga tcccagtgct      180
tcatcaacgc aaatagaaca tcaaacgcac aaccgggatt catgtgaaaa tcccgtgac      240
cccagtgata aagatacgac tggacctgca agccgcggac atactgatcg tccttggtat      300
actgtgcctt cgcgacaccc ggctgcaccc agcgcttggt gtcgcctcgg gcgtaaaacc      360
gggccaccat atccagggaac ccttcttcat ctgccgaaac cccgaggatg tattccatgt      420
tctggacggg tatgagcaga cgctgcattg tggttgatgc gcccaggat ggggtatttct      480
gatgctgttg gcatatccag cagtccgtgt cgatgagcgc tgtggttgcg gtctgttctt      540
tgtggtttcg ggcctcttcg aatgcgcagg tcatatagga gacgatcagg tgggtgcagg      600
cgtgccagaa tacgaccatc tgacacattt gtgctgtggt gaggagggta tnnccgtatg      660
tgctgttcca gtatttaggg gagctgggtg                                     689

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<210> 6569
<211> 655
<212> DNA
<213> Aspergillus oryzae

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<400> 6569
cagcattttg tcattgcaag cgetttacat tgcagaattt ttccccctcg gcttccccctt      60
acttcaaagg ttccttcttt ggatgtttctg ttgcggaacg tcgcattgag tcagtgttgt      120
gatctcacc cttcgttcact gagatctctg gcgcgtccct cccccacact tatcttggtc      180
ctattttaat tccagcgtcc ctcatccctc ccgacgctgt ctccgaacgc cccgaatcgg      240
cttcttttct tacacatccc gtctccacgg cttctcacat ccccgccggg tctcattggc      300
aagcgcctgc tccggctgag tcaacctagg ctgaaacctc cccctcgcgc attgaccctt      360
catttcgggt cagggacaca agccctatca gtacctgcaa agccgtgagg aacaaaccgt      420
gggctctccc cgaatctcga atcatcccaa actggggagg aatcagggtg gctcaacgta      480
ctttgaaacg ttccaaaaaa cctcgcacgc tgtacgcgat gcttaaaaaa aagactctat      540
acccccctct ccacttctgg cacagtactc ctacatccac tcctgaactc tctcccacat      600
catcgtcttc ggacagtgag tcaaacgagg acatggacct atctggctca cgtcc      655

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<210> 6570
<211> 684

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<212> DNA  
 <213> *Aspergillus oryzae*

<400> 6570  
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 gagaagctct cacgaagacg gttgatgaga cggggaacct ccagacccat cagggcattg 120  
 ttaatactgt tgcgagagaa gatattgcc aagcttcccg acacaacgag cgggatcttc 180  
 tttgccagaa tggcgggtcg tgccctgctct ctggagcttc cacagccaaa gttgaaacca 240  
 gtgactagaa tgtcaccttc tttggcgatc gacgagaact gagcatcgta gttggacatg 300  
 cagacctgag ccattgtctc ttgggaaaca tcatcttggg aggtatattt gccaggatag 360  
 ataccatcgg tgttgatggt gtctgcatcg cagaaaacaa tttcaccoga gacacgctct 420  
 ggaaatccag ggtataacct cgtcagagaa tcaccggatg actcctcact ctcttctgga 480  
 gcaaatgct tctcaccatc ggcaaccaga ttatcaatct ggccgatcaa tttctccaag 540  
 gcttggtcgg cggtaagcat gcgatcctcc tcccgaaattc cgtctccttc tccacgcaca 600  
 acttcagtca aaccttccgg ggccctgggtac cagccggggc cgctgagctt tcccctcgtg 660  
 ccgaattcgg acagagctga ttcg 684

<210> 6571  
 <211> 645  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

<400> 6571  
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 ggggtcaagag ctcttgacct caaattgtgc caagatgtct actgacaaga ttaccttcct 120  
 caccaactgg cagcgacgc cgtaccacgc tcccctgtac ctgcgtcaga gcaaggggta 180  
 cttcaaggaa gaaggcctga aggttgctct gctggagccc aatgacccct ctgatgtcac 240  
 tgagataatt ggtagcggta aggttgacat gggcttcaag gccatgatcc atactctggc 300  
 tgccaaggct cgtaacttcc ctgtcacctc gattggctct cttcttgacg agcctttcac 360  
 cgggtgttgtg tacctcaagg atageggaat cactgaagac ttccgctccc tgaagggcaa 420  
 gaanaatggc tatgttgagg agttcggaaa gattcanatc gacgagctca ccaagtacta 480  
 tggcatgact gcggacgact aactgcccgt ncgttgccggc atgaacgtta ccaaggccat 540  
 cattcgcggt gacattgatg ccggcattgg cctggaaaat gtgcaaattg gtgaactggc 600  
 cgagtggctg cattccanaa ccgtccccgg gacgacgtta gatgg 645

<210> 6572  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6572  
 ggtgggtactc atataatttg gactcgattt cccatctcat cgtgatccga tcccagacag 60  
 tttgacaaat cctcgcaatc atgaagttct tatcaactgc cgcagcgctt ctogtctgcc 120  
 tcgcccccg ttcaccaca gctcgaagcc tcgacttctt caagtcatcc caatccccta 180  
 tccaagcaca agccaaatcc gtcccaggaa acaaccctct ggagtattgt aatgaccctg 240  
 cgggcgatat cctagatatc aaacagggtg acttgtcacc taaccacact ctctctggca 300  
 aaactcttgc catcacggcc tcgggcacct tgcgtgaaaa gatcgaggat ggtgcttatg 360  
 tgcttttgga ggtcaaatat ggcttgatca ctcttgctag gcagacagcc gatctctgtg 420  
 aacagctcgt caacgtagaa cttaaatgtc ctctgggacc aggtgacatg acattgacca 480  
 agcagggtcga tttgccaaaa cagattcctc cgggcaaata cactgttcaa gccgatgtct 540  
 tcaatagtga tggtagcat atcaattgcc tgaaggccct taacattgaa ttttaagggtc 600  
 ccttctgaga ggttgggaat atgtacgccc tggacttaga tatcgatatg ctcaacctaa 660  
 gttt 664

<210> 6573

<211> 1028  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1028)  
 <223> n = A,T,C or G

<400> 6573  
 gatattctca agcgtggtgt tggcatgccc gtcaacgaaa tcgccgaagt cttcgacaag 60  
 tggaacaagg gtgtcttggg ctctctcttg atcgaaatca cccgcgatgt cctccgcttc 120  
 aacgatgacg acggcactcc cctcggttag aagatccttg acaaggccgg ccagaaggga 180  
 accggcaagt ggaccgccat caacgctett gaccttggta tgctgtcac cctgatcggg 240  
 gaggtgtct tctctcgttg cctcagtgcc cttaaggacg agcgtgtccg cgctagcagc 300  
 ctctctccag gccccactcc tcaattcacc ggtgacaagc aggctttcgt cgatgatctg 360  
 gagcaggccc tttatgcttc taagatcacc tcctatgccc agggcttcat gctcatgcag 420  
 gaggtgccca aggagtacgg ctggaagctt aacaagcctt ccatcgccct tatgtggcgt 480  
 ggtggctgca tcatccgctc tgtcttcttg aaggacatca ccaacgccta ccgccagaac 540  
 cccgaccttg agaacctcct cttcgacaag ttcttcaacg aagccatcgt caaggcccaa 600  
 aacggctgga gaaacgttgt cagcaagggt gctctctggg gtatccctac tcccgccttc 660  
 agcactgtct tcagcttcta cgacagatac cgnactcggg acctngccgc caacctgctg 720  
 caggctcagc gggactacct tegtgcacc accttccggg ttgagcccga gcacgccacg 780  
 agacctacce tgaggccag gacattcacg ttaactggac atggacctgg tggtaatgag 840  
 ctccccctta ccttcattgg ttaaattaaa cgaagatacg aactgggct ggacgggaaa 900  
 ctttcccttg ggcccgatg gtatatagaa aaagaanaaa tgggaaggct tattaagctc 960  
 tcgggcgcgt tgaaagagtt ccatataatt aaacggaagt cggtccttac ccctgtatta 1020  
 aaaggaag 1028

<210> 6574  
 <211> 740  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 6574  
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 aaagtatact tcacttccag aatacctaaa tcgagttcaa caataacaac caccaacaat 120  
 gctcggttaag atcgctctcg aggaagcctt cgcgcttccc cgcttcgaag aaaagaccgg 180  
 ctggtgggca agtctcttct ccacggacgc cgaaacccac gtcaaagaaa tcaccgacat 240  
 caacaagatc cgtatcgagc acgcagacaa gcacgggtgtc ggctaccaaa tcctctcata 300  
 cacagcaccg ggtgtacaag acatctggga ccccgtagaa gcgcaagcgc tcgccgtcga 360  
 gatcaatgac tacatcgccg aacagggtgcg cgtgaacccc gaccgattcg gcgctttcgc 420  
 cacactatca atgcacaacc ccaaagaagc agccgacgaa ctccgccgct gcgtcgagaa 480  
 atacggcttt aaaggcgccc tagtaaacga taccacgcg gctggcccag acggcgacga 540  
 catgatcttc tacgacaacg cagactggga tatcttcttg caaacctgca cagagctcga 600  
 cgtccccctt tacatgcacc cccggaaccc cacaggcaca atctacgaga agctctgggc 660  
 tgaccgcaaa tggctcgtgg gtccacctct tagcttcgcg catggcgctc gtctacacgt 720  
 gctccgaatg gtcacaaatn 740

<210> 6575  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 6575  
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 gtccgttgcc ttcaatgggt tgcgctgcta ctctaccggc aaggccaagt ccttgaagga 180  
 gacattcgcc gacaatctcc ctggcgagat tgagaaggct aagaagctca ggaaggacta 240  
 tggcaacaag gtcacgcggc aggtcaccct cgaccaggcc tacggcggtg ctctggtgt 300  
 gaagtgcctc gtgtgggaag gttctgtttt ggattccgaa gaaggatatc gtttccgtgg 360  
 atacaccatc cccgaatgcc agaagctgtt acccaaggct cccggtggcg aggagcctct 420  
 tcccgaaggc ctcttctggc tgctgttgac cggcgaaatt ccctctgagc agcagggttcg 480  
 cgatctgtct gccgagtggg cctgctcgtt ctgacctccc caaattcatc gaggagctca 540  
 ttgaccgctg tcccagcact cttcacccca tgggctcatt ctctctgggt gacactgccc 600  
 ttgagcacga gtccgctttc gccaaagggc tacgctnagg tatcaacaag aaggactact 660  
 ggaactacac cctcgagga 679

<210> 6576  
 <211> 1202  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6576  
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 tatctgctgc taccgctgct tgaccttca tctggtagac gactcctgtt tctttcgtct 120  
 tttctttcgt ctccctctc tgaagagcct tgcatttgc aacagttccc cctacaccgt 180  
 ccatcatgaa cctgaatac gactatctct tcaagctcct tcttatcgga gattccgggtg 240  
 ttggaaaatc ttgcttgcta cttcgggttg cagacgacac ctacacagag agctatatct 300  
 ccactattgg tgttgatttt aaaatccgaa caatcgaact tgatggcaag acagtgaagc 360  
 ttcagatttg ggacactgcg ggccaggagc ggttccgcac catcacgtcg tottactatc 420  
 gaggtgctca tggatctgtg gtctgtgatg atgttactga tatggattcc ttcaacaatg 480  
 tgaagcagtg gctccaggag atcgatcgct atgccactga ggggtgcaac aagctgcttg 540  
 tgggtaacaa gagtgcacatg gaagataaaa aggtcgtgga gtacacgggtg gcaaaggagt 600  
 tcgctgatag ccttggaata ccattcctgg agacctctgc taagaatgcc tcgaacgtcg 660  
 agcaagcctt cttgacaatg gcaaggcaga tcaaggagcg tatgggtacc gccactgtca 720  
 acaacaagcc gactgtgcag gttggccagg gccagggtgt ccagtctggg tccgcagggtg 780  
 gttgctgcta atcgaatcaa tgagtcgtgt tgcacagtac tacgttagcc acctcggtat 840  
 ggagcagggg ggtgggtttg ccaactgcgc cttggcactg gacagttcta tctgaaaagt 900  
 ggaacggcgc agacgacact gcggagattt ttgctatttt caagctcggg atgattattg 960  
 ggaatcattt cagatccttc acacaatgct tttagcggcc tgcgattgtc tttatatgtg 1020  
 ctcatattgc tggtaacctt gttgccccct cccctttgtt tacacgctac ttgttttgtg 1080  
 atttccttta cagcatttcc ctagtctctt ccatacttta ttagtaggtt ggattccttg 1140  
 cgattttgtc aggaacaaat taatggaaaa gacctgaac gttcggaaaa aaaaaaaaaa 1200  
 aa 1202

<210> 6577  
 <211> 627  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(627)  
 <223> n = A,T,C or G

<400> 6577  
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 ttaacacgcc gcctcctact tactccacat catgacattc ccactgaatt attccattct 120  
 ttccttgatt ccggtcaacg tctcttgaac ttacgccggc ggcggttcca cagccaattg 180

CC2270-6576-60

aaagtcgttc	tacggccttt	ccgcgcggaa	cgtaaggac	gttccccacg	aactgttcca	240
ttcgatttgc	ccccagtg	ttcgggtggt	cctattcagg	agagagccgt	taaaaaaatt	300
aaaataaaaa	aaagagaaaa	aagaaaatct	cgcagattgg	ccaccggggt	ctagtggcct	360
tatatctgcc	tagaacgcgc	tctggtgtct	ttcacacca	accctatgtc	cccatccgag	420
cggcattgat	ataccacact	gtggcctgcc	accaatcaag	gctacaacat	tgaatgctgg	480
gagagacaat	agtccttaca	agtcaccgcg	tctgattctt	cgaaataaca	cttgggatct	540
catatatatt	ctnctagtgc	tttcgagtca	ccttgggact	acagtacttc	acaatggctg	600
aggacttctc	tttctcaatc	tcctcgt				627

<210> 6578

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 6578						
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aggctctatt	gcctagttgg	ggaagcgggc	tatctgacat	gatttgattc	tcgaaagtca	120
agacacgaca	caagaccatg	cgcgggtgctg	ctgcactttc	tcattgtggt	gaggttcttg	180
ggcgaggcca	ttcatgcttg	gtcgcacttt	atcctgacag	attcgagcga	caccgacatc	240
gacgcgcgcg	gaatgttcgc	ccccaaatgg	agtcagcgac	ataagtctga	atgggtcggg	300
tcgtccatgt	gtctgtcctg	ccttttgccg	taatgcgata	ggtatgtcgt	cgtcattaaa	360
gagagcctgg	tgatacggat	gtaacaagac	cggcttatgc	ttgcctgcag	atcgtgtttt	420
gcagattgtg	tagaaatcat	ccttctgcac	gacaagtga	gggatgtacc	tgacccaagc	480
aaatttttgc	tcgagcgcgc	gcttggtctg	ttatctggtc	atacattttt	cgattggctg	540
gggagtgaag	ctcccgtcac	tacgtcgcaa	agatcgattt	gccattttca	accaggggat	600
gggttggtgca	ataaccttca	agccttttac	atgggcctac	aggcgaaggg	catgttcatt	660
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<210> 6579

<211> 903

<212> DNA

<213> *Aspergillus oryzae*

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gttcacgtac	cggatctgtc	aagaccagag	cattgtcgac	aagtttctcg	accgctctta	480
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ctgctggcgt	aatgattggt	ttacgtgcaa	tggtctcgag	gcttctgacc	ggcctaagtg	660
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<210> 6580

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

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 cacgcgatcc taacaggagg gggaagtggc cgcagacgta tgatggccca cacgctcgac 180  
 gcgaacggag catgtaagat aatgataata ggacgtcgac aagaaggcgt gaaagagacc 240  
 atatctcaga ggacgaacag caggcgaagc gccataatca cgattaaagc ggacatatga 300  
 tcagaagcat ccctagaagc agacgacat accatttccg cgcagacatg atcacgttga 360  
 tatcctgata gctaacagaa ggattctcag cccaaattct agtgccgccg ctgctatgac 420  
 acacggatac gtccccaatg tcgtgatgc tcgtatgac ctctggtacg tgccatggat 480  
 gactagacta taggggtgga cggtaatggg accggcgctt attatacagc agtggctcgt 540  
 ctcaccgctg atgtaagcgg ggaataaaca gagggcgggc gcctgagaag aatgagaact 600  
 gctacgccta ctacgcgagt tactattact agctttaatg gcggttgta ataga 655

<210> 6581

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<400> 6581  
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 gaaacgctac caagacggat tttgagacga tgttcatcgc ccgtgggtac ctggactggg 180  
 tgaccgccga agcggttgac cacgaaggcc gggtcctggg cacttctcgg gtccagagaa 240  
 gcaagatccc tgataactgg gccgcggctg gattcaaggc cgatctcaag acccttaaac 300  
 cggatgaccc caaggccccc aagtcgaacg gtggtaagca aacaactgct gacgcagagg 360  
 ccgataacaa aaacaacaac aacttgcaat cccgcgcccc ggctgatgca aaagtgaagg 420  
 agatcgctca gctggcacat gaaacgtacg atctcgttcg aaacgtcagt ggtgttttcg 480  
 tcctcatcgt actttgcggg atagtggagg gtatcgacg cagcatctat ctcttgtttc 540  
 ggggtccgat aacacagcct ttccaacatg gtccatttga tgacatccca gagaagagaa 600  
 tccgcctcaa ttctgttgag ggaatctggg ggatacccct atttacagtt aaaaaccttt 660  
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<210> 6582

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

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 attctccgat atgataccag gaacgataga ttggaactct ggacggctgc taagaggaag 180  
 atgctacctg atgaccttta ctacaggtg gatcatcatg acacagaagg cgtaacttgt 240  
 gaaaaagcgc ctgtgggatc gggtccctcg aaaactctgc tgaagatcgg gaatactctt 300  
 tacaacgttg acctctcaat gatccatac ctacgctcat ttgtcagctt cgagcgcaat 360  
 cgtcagccac aaggatcgga gtttactcac ggtgatatac ccctcttcga tactgacta 420  
 caaggacttg agtcaggcta ccgattctgc tttcgggtctc tgccgggttga cttagctcag 480  
 tatcacacac tttgcgagac atacgaactt ctcgggggtg atgtactang cggtcagacc 540  
 atcgacaaca ttttcgccga tcttagagcc tgtaaaaccg actacgagct tgattataag 600  
 cgttatcgag cttttaaagg ttgattagac cttggcgggc gacccaacgg ttccgacttt 660  
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<210> 6583

<211> 744

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 6583

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ctcaccgtcg	aggcatttgc	agctggtcaa	ggccactccg	atagtgggaa	tcataactcc	180
cgcaacgcct	tgatcaagca	ccattaccac	gcctccggat	ggccctctaa	gcatccacga	240
cataaccacc	cgttttacgg	agaggttgag	cagtgcgaatt	ggaacaagga	gtgcgtagcg	300
caatgggacg	ccaataccgc	cgcatttgct	gcgctttcgc	cggaagaaca	agaacatcag	360
atcgctctga	aaagagcttt	agacgccgaa	gcaaaccggg	tccaagacca	gacggcctgg	420
attaaccctg	accccgatcc	agaatggcgg	gaaccggagt	ggcagccaga	gtggcaatga	480
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agcataacgg	tcattgtctg	agcaacggcg	tcttanggag	gaacatgggt	atatgacagt	600
ggattgagcc	ctaggtaggc	tagcaataat	gcactggcgg	taatcctatt	cttcattggag	660
aagaaaacgt	ttgagcattg	aaatgggatc	tggagccttt	tatggggcgg	ccgttacagt	720
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<210> 6584

<211> 674

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 6584

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gcacatatgg	gaatcaagac	gacaatgcgc	cagacacgct	tctccttaaa	cacaaaagga	180
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agttgaggcg	acgagctgcg	gaagcgacag	gcgctcccga	cccaaagcgg	gtcaagctac	300
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aacagtcgga	ggtgctttgc	gtggtatcgg	aagtgggaga	aagcaccctt	agcgaggggt	420
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gggttcgcaa	ccggaataag	aacaagaaga	acaagaataa	gaaaaagaac	aaagatgggtg	540
ctgacactct	cgggccgnca	gccgatcaga	aaccctctgc	gtccccccagc	agatcgacac	600
ttccagcgcc	ggcttccaac	ctcaaaggct	caacacccca	tttgagcaag	cacaggcact	660
ttcagcgtag	tttn					674

<210> 6585

<211> 371

<212> DNA

<213> Aspergillus oryzae

<400> 6585

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gagacgacga	agtgccagtt	ctacgtgcag	tctgtctcaa	tggcgaggga	gagcccgttg	180
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gatgtctgtc	taatgagttg	aataacgata	catgtacact	ggagggaggt	agttcaattg	300
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aaggcctgac	g					371



<210> 6586  
 <211> 707  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6586  
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 tcctttcact ggtttttttt ttggctccca aacagtggct ctattcgaca cataagggga 180  
 tcgggtgagcg aatcaagtat atcagttcaa ttatgatgac agaaaaacac tgctgcttat 240  
 caaggatgac atgaaacacg gcaatgtgct tcccatatct ctagggggacc aggggtatata 300  
 tgcccacgag tctcacctaa aacggccgat cgagtgtatc tgtaccgcgt ctgaaaatgg 360  
 ctgaaacatg gatggctctt ccgctcttta accgtcaaaa ttctccagaa tcatcgctg 420  
 atgttctgtc gatggcgagc cccgggctgc tacctataga tccttctcca gaacacgacg 480  
 aaacgaacaa gttcgggtccc tttgatcttc ttgacaacct cccgggtgag ctacaacttc 540  
 ccgcggtatt gaatcctgca aggggtgggtc cgaccactca ctacactgac ttgacggata 600  
 gggccgaccc ggagccccga tggatgcaga tcagcgacct ttgaattgta agaccgggg 660  
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<210> 6587  
 <211> 623  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(623)  
 <223> n = A,T,C or G

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 catatataac cataggaaac atgccatgtc atgggtttta attcactcat tcctcatcgt 180  
 cctcatcttc ctgctcatcg tcatcgtcac ctteggcttc ggatacttcc tgtccaaggc 240  
 ctttcaggcg ttcttggcct togtccctct aagcctccaa gtttccgaac ccattcagga 300  
 ggccctcaan tccgaatggg gcctgacttc gcgcgctttt tctctctttt aaccttgaga 360  
 ttaaagcttt ccaaactctt cgcgaatcat ataaatctct gggggggatt tgtgcacaac 420  
 aaatgctttc cctgtcctt tgagagtttt ttggccgaga ccttgggtta acattagcct 480  
 gtccaacact ctctggtgca cctgaaattc tgggttgggg ggagtatcga aacctctctt 540  
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 attggcgacc tggctgaaca gcc 623

<210> 6588  
 <211> 693  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(693)  
 <223> n = A,T,C or G

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 cccgtgacgc ttgctgtgaa tttgtgctct caatcgagga ccggtggcct caacctcttg 180  
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 agcaagctca agactctttt caccgaattg tgtgccacag atatcggcga tggatctgcg 300  
 aacgggcccc agctatactt ggtcgtcgca gtccgagcac cagagactgc ttcgacaggc 360  
 gccccgtctc aaccaagatc ttcggtttct agagagggat cctccgcttc caaaacatca 420

acggggggcca	atcaacaagg	aaaaagcagc	ttgaagaccc	gccgcagcat	gatgtggacg	480
tcgaaaccac	gtggcattcc	aagcgctgag	cagggtaaag	agaattccaa	aggccccgct	540
gaatctgcgg	agagcacgtn	cagcaacagc	aaagaaccag	ccaatagcca	gccccgaaaag	600
gaaaccactc	agatccgcac	aataggcgctg	ggtatcttag	aaatatcaca	gatacngtggc	660
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<210> 6589

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 6589

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aatcgaatta	ctctcagtca	agtgaacggc	tttataaagg	aactaaagta	gggtagcgag	180
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caattgggaa	tttgaaagtt	cgtctacctc	gcggaacgtg	atggtcacta	ccttgtcttg	540
ttcatttcgt	cttctccaat	gcagataaga	ttcacaggga	tgcaggaaga	cagccaatcc	600
aactccactc	ttcggggacga	tcctggctgt	ttatgcatga	caacaccatc	aagttatcaa	660
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<210> 6590

<211> 877

<212> DNA

<213> *Aspergillus oryzae*

<400> 6590

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cgatcgccca	agaccgaaca	gccaaagtccc	cagcctctta	cccagttttc	cgattcgagg	180
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tcggttcccc	cgctcgcgcg	ccagtccatt	attccgtcac	catgagctgg	tggcagggca	420
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gagtgggaagg	cgaattttct	tatctctcta	tgtatacata	tatacgggag	attgcggatc	840
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<210> 6591

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<400> 6591

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 <211> 413  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <222> (1)...(413)  
 <223> n = A,T,C or G

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<210> 6593  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

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gaaaaaaaaa	atgataaaga	aaggaagaaa	aagcaaaaaca	gggagagaga	ggagggggact	540
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<210> 6594  
 <211> 642  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(642)  
 <223> n = A,T,C or G

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ccaacacctc gaagaccgag gtgaatgtat ggtcaatggt gtccatgcaa aaaagctctg      180
cttttggtgt tactccgacg gaacttgaca gcagccaccg tcatcaaagc aactccaccc      240
gctcgggcag tttttcggaa aaccccgctc tcgcccactg tcccttcata gacgactctt      300
cggctctcca tcgtgccagt attagtaccg atggcctttc caatgagtct ctcgaatcct      360
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acgtgtcgca gacgctccac tcgactttgc cttccacaac aaccgccaca tttactttca      480
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atgcgaactc tgaggtcacg gatactcccg gaaaagtcca cc                                642
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<210> 6595  
 <211> 662  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> n = A,T,C or G

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cgggccttga tatccttttc gaggttggtg ctgcagatat gtcagatcct gttgcgggaa      180
ttacggagta aagtgtctta cttcaggacc tcgccattct tgacatcctc agtcttctga      240
ccgaggaact cagtggcgga agtgccgacg atcatccaat tctgcttgaa gataccgaag      300
ttggtggcat caccggtctt gccgtcacct gtttcctggt agattatctg gcttatgaga      360
agcgattcag ctggatatgg tcttaccgta ngggtaggtg ctgggggtcca tattgtcgct      420
ttaacgtttg cggatcagta taatttttga tgtctcattc aaaaagatca cagaatagaa      480
cctacttctc caacatggca atggggccagg tccatgggtg ttaccaccag cgctgacgat      540
ggcctgcttg cgctggccca ggcctggaac agagtaattt gccggggcgg gccttatcac      600
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tt                                662
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<210> 6596  
 <211> 583  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(583)  
 <223> n = A,T,C or G

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acgcaggtct aaggtattgt ggttatatcg atacctgggt gcgcgattat catatgtatt      180
acacaaattg gtcaatggac gatgtcgtg gacaattggg ctgggggcaat atctggggat      240
tcagcggtag cgacgaatct gaatatatcc atcagataat ggagattttc ccgcgtgggg      300
agccggaaca cggtatcggg tttagacatt gacatgtccc acaggacttc tactatagga      360
cctgngactt cccgcagtag acaggagtta ggactaatct ctagtcccaa aagcagaact      420
agaagagtca tagaactttt ataaaaatac tccgtcctat attaaataat taacaaaaag      480
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cactgaatta aaagctctaa atctagtnga aaanannaan nngnaanaag nnntttanna 540  
 aatanataaa aaaaaatttt ccgcggccgg gttttntntt tct 583

<210> 6597  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

<400> 6597  
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 tcggaatttt cggcgatatat atgatttacc gttttcttgg gttgggtttg ggaatgaatc 180  
 tcacggaaag tcagaaacat attgcatcta tgtatactca aacttcttgc gtcttcttct 240  
 ttcattgattt tgtttatgag ttcccgggga ggcatgatct tatttaacgc tggacgctgt 300  
 ttccagctctg aaaacagcaa aacgggtcca cagaacgacc tttttgatga gcattgcatt 360  
 gattatgggt taggaaatat tgtttacttt tgttatattt tgcgtttggg tgcattgcca 420  
 gtgagctgaa ctgggctaag ggtgggttatc ttgttacgat tattattctg atatgactga 480  
 tatgttctac gatgaaaaat gcctgttaat gttttatgtt gatgatgctt tctggacagt 540  
 tggggccacga catatgggtg gccctttttg catgcctttg ttctgtcttt ttatttcatt 600  
 tgtcaaatac ttctatacng gtcttctctc aaagggcctt tttttctgca catggcttta 660  
 ctggtggggc gttgccccgg t 681

<210> 6598  
 <211> 794  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6598  
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 cgccctttat acatccggtt attccacgct cccctgatca gtcactcgca acaatgagtc 180  
 gctacgtatc tcacggccgc ggaggcgag gcaatatctt ctccggcgaa agccatacca 240  
 cgccgaaaga tctcgtcaca cccacgatca aacaagacat ttataccacc ggtcgcggcg 300  
 gctcaggaaa tatggtcgta aacgatcccc agcgcccaga gattgcgcgc gagagtcagg 360  
 acgtagaagc gccgccattg cgtgtcgagg aggtcccca tcacactgga cgggggtggcg 420  
 ccgcaaagtc gtatatccca tccccgaag aagagaagaa ggctcgtgag gaagaggagg 480  
 aacaattgcg ccgaattcgc actgcgtcta gagaccgact gaaggatgcc gagcgtgctg 540  
 ccgaaaagcg cagcgagtc cgtcgagtt gagaaactgt attttcaaatt ggcacatctc 600  
 gagtgcgcatc tttttgtctg gagtgggtatc ctgttttctc agttcagcct tcgttagttt 660  
 tatcggtggg acattgaact gactttcgcg aatgcacga tcgtgacatg ttacgagcgg 720  
 agcgctgctg gcagtgcag atcttggtc gtggcttcga gagaagtgtc gccgatgaat 780  
 attttttgtg ccgg 794

<210> 6599  
 <211> 702  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6599  
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 caactatggc tgctctctt atccgtacct ctgcccgtac cgtctcttcg gctggagctt 120  
 cggctactcc taaagctgcg ggtgttgccg gtttgacctt tgcccgtggc aaggccactc 180  
 tgcttgacct ggcttatgac tatggcgccc ttgagccctc tatctccgga aagatcatgg 240  
 agcttcacca caagaaccac caccagacct atgtcaacag ctacaacacc gccatcgaac 300  
 agctccagga ggccgtcgcc aaggaggaca tcaccactca gatcaacctc aagccctga 360

tcaacttcca	cgggtggtggc	cacatcaacc	acactctttt	ctgggagaa	cttgccccta	420
agagccaggg	cgggtggtgag	ccccatctg	gagctttggc	caaggccatc	gacgaaagct	480
tcggcagctt	gggagagttc	cagagcaaga	tgaacgccgc	cctcgctggt	attcatggaa	540
gcggatgggc	ttggctcgtc	aaggacaagc	agaccggaaa	catcgggatc	aagacctatg	600
ccaaccaggt	accctgtctt	tggtcaggtt	cagcctcttc	tctgtgaatg	atgcttggga	660
gcacgcctac	taccttcaat	accagaaccg	caaagctgag	ta		702

<210> 6600

<211> 1257

<212> DNA

<213> *Aspergillus oryzae*

<400> 6600

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tttgaactct	attctcagcc	acctcaaggg	aggaaacact	ggccttgccg	ccatcaccca	120
gaagaaccca	gacgatgtag	tcattacgct	cgctctgcgt	actcctctgg	ccaaggccgt	180
taaggggtgga	ttcaaggaca	cacagttgga	ttacatcgta	tactccttgt	tgaaggaggt	240
tatcgacaag	tctaagattg	accctgcttt	ggtcgaggat	gtctgcttgg	gtaatgtcaa	300
cgacggcaag	gccccctatc	tcctccgtgc	cgctccctt	gcggccggca	tccccaacac	360
atccggcgca	tcgtccgtca	accgattctg	ttcctccggt	ctcaaggctg	ttcaggacat	420
cgccaaccag	attacattgg	gtcagatoga	tgctcggtatc	gcccttggtg	ctgagttgat	480
gtcagccggc	ggtgatgcag	tccaaccttt	cagcgaagaa	gtcctgatga	accaggagtc	540
tgccgactgc	ctgcagccca	tgggtcagac	attcgagaac	gtcggctcgg	acttaaacad	600
cagccgtgag	gttcaggaca	agtatgccgc	cgagtcgtac	cgccgcgctg	aggaggccca	660
gaaggctggg	tggttcgatg	atgagatcgt	ccccatcacc	accaagggtga	aggaccccaa	720
gaccggcgag	gtcaagcagg	ttactttgac	caaggatgaa	ggtatccgtt	atggaacgac	780
ggccgagtct	ctcggcaaga	tccgaccggc	tttccccaa	ttcggttaacc	ggagcactgg	840
tggcaactcc	agccagggtga	ctgacggcgc	tgccgctgtc	ctcctcatgc	gtcgctctag	900
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tccccctcgc	atcatgggta	tcggccctac	cgctgccatc	cccaagctcc	tctccaagtt	1020
caacttgaac	aaggatgaca	tcgatatact	cgagatcaac	gaggccttcg	cttccatggc	1080
cgtctactgt	ttgcagaacc	ttggcttgga	ccatgccaa	gtcaaccccc	gcggcggtgc	1140
cattgcactc	ggccatccct	tgggcgccac	gggtgctcgc	cagatctgca	caattctgag	1200
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<210> 6601

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 6601

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agcacttccg	tcattcttga	cggcttcaac	tgggctgcca	acgacattgt	tagcaagaag	180
cgtaccagca	aggctgcaat	caacatgagc	ttgggcgggtg	gctactctaa	ggctttcaac	240
gatgcggtcg	agaacgcatt	cgagcagggt	gttctctcgg	ttgtcgctgc	cggtaacgag	300
aactctgatg	ccggccaaac	cagccctgcc	tctgcccctg	atgccatcac	tgttgccgct	360
atccagaaga	gcaacaaccg	cgccagtttc	tccaactttg	gcaaggctcg	tgacgtcttc	420
gtcccggtc	aagatatcct	ttctgctctg	attggctctt	cctctgccac	caacaccatc	480
tctggtacct	ccatggctac	tccccacatt	gtcggcctgt	ccctctacct	cgctgccctt	540
gagaacctcg	atggccccgc	tgccgtgacc	aagcgcac	aggagttggc	caccaaggac	600
gtcgtcaagg	atgttaagg	cagccctaac	ctgcttgctc	acaacggtaa	cgcttaagta	660
ccaggagtac	gtcgcaggat	tctaccatt				689

<210> 6602

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature  
 <222> (1)...(688)  
 <223> n = A,T,C or G

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 ccgcgtttcg ccactgcaac tgggtgctat gtctattggg gattcatggg ctcactttat 180  
 gggatctatg gacaaggaat cttctttcaa actgctggat gcctttgtcg aagctggagg 240  
 caattttatc gacactgcca acaactacca aaatgagcaa tcagaagcct ggataggcga 300  
 atggatgact tcccgggaaga atcgtgatca acttgtcatt gcgaccaagt ttactacgga 360  
 ctacaagtct catgcactan gaaagggaaa cgcacctaac cactgcggtg accaccgccg 420  
 cagtctacac atgagcgtgc ggcactctct gcgtaagctc caaactgact ggatcgatat 480  
 tctgtacctt cactgggtggg atcataccac ctctatcgag gaaatcatgg acagccttca 540  
 cattttgggtg gaacagggca aagtgtctta cctaggaatc tcagattccc ctgctgggtg 600  
 tgtgagtgcc gccaacacct atgctcgagc tcatggcaag acgcccttca gtatctacca 660  
 gggcccggtg gaatgtgatg cttcgtga 688

<210> 6603

<211> 1048

<212> DNA

<213> *Aspergillus oryzae*

<400> 6603  
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 agctgcattc ttcgtgggtt gatcgaggag ggctacgagg ttgtctgctt cctcggcaat 180  
 gtcggccagg aggaagactg ggccgctgtt gaggagaagg ccctcaagat cggtgccaag 240  
 aagatgggtga ttgaggatct gcgcggggag ttcgtcgagg agctctgctt ccctgccatc 300  
 cagtgaatg ccattctatga gggctcgctac ctctgggaa ccagcttggc tegtcccggt 360  
 atcggccgcg cccagatgcg tgtcgctcag cgtgaaggct gccagtttgt cagccacggg 420  
 gctaccggca agggtaacga ccaggctcgt ttcgaactgg ctttctatgc catccagccc 480  
 tccatcaaga tcatcgcccc ttggcgtgat cccaagttct tcaagcgttt cgctggccgt 540  
 aacgatctcc tcgactatgc cgcccagacc ggcacccctg ttacctccac taaggccaag 600  
 ccctgggtcca tggacgcca a ctcgccccac tgcagttacg aggcgggtgt tctggaggac 660  
 cccaaccaca cccctcccgc tgacatgtgg accatgaccg ccgaccctct gaacgcccct 720  
 aacgagcctg ccgacatcac catccagttc gagcagggtta tccccactaa gctcgtcact 780  
 cccgagaaga catacccgga ctccggttag ctcttcaacg ctctcaacaa gctcggctac 840  
 acccagcgtg ttggccgtat tgatattgtc gagaaccgct tcacgggtct caagagccgt 900  
 ggctgctatg actcccctgc tatgaccatc ctccgcgcgg cccatttcga cctcgaagg 960  
 ctgctcctgg acggccagggt ccgctctctc cgtgatcagt tcgtcaccca caactgggccc 1020  
 atcctcctct acaatggcta ctactttg 1048

<210> 6604

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 6604  
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 atgtgcccga gaacattgta atgcagagct ggaacaatgg tctagagtac atctcaaaact 120  
 tgaccgctag aggctacgac gtcacgtgtt cttcctctga ctttctgtac ctggactgtg 180  
 gtcattggagg ctttgtcacc aacgatccgc ggtacaatgt gatggctaac ccagatgcga 240  
 atacccttaa cttcaactat gggggcaatg gaggatcgtg gtgcgcccct taaaaacct 300  
 ggcaacgtat ctacgactac gacttcaact tcaacctcac tgagacgcaa gctaagcata 360  
 tcattggcgc aaccgctcct ctttggggcg agcaagttga tgatatcaac gtctctagca 420  
 tgttctggcc tcgtgctgca gctctggcag agctagtctg gtccggaaac cgcgacgcta 480  
 atggcaacaa gcgcaccacg gagatgacac agcgtatcct caacttccgt gaatacctcg 540  
 ttgcgaatgg tgttcagggt caagctctgg ttccgaagta ctgcttgcaa catcctcatg 600  
 cttgcgatct ctaccgtaac caaacgcaa ttcaata 637

<210> 6605  
 <211> 1512  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1512)  
 <223> n = A,T,C or G

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cgtgactcct atggcatccg tcccttggtt cttgggtcca ggcttccgc cgaaggcgaa      180
ggcacggact acatgatggc ctctgagtct gttgctctgc atcagcttgg gttcactaac      240
atccgtgaca tccaacctgg tgaagcagtc atcatagaaa agggcggcga gcctgtgttc      300
cgccaggctg ccccgaaaga ggcatatgct cctgatatct ttgagtatgt ctacttcgcg      360
cgtcctgatt cegtattcga tggcatcagt gtgtaccgta gtcgtcaacg gatgggtgat      420
cgccttgctt ctaggattct cgtatgcctt ggaccggaag tggtaaggga cattgatgtc      480
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ttccgtactg gcaaggttcg taaagaaccg ctacgttttt cggacattca tcatgcctga      600
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tgtgacctag gcgagggaag ctggcgctaa gaaggtttac ttccgccagt ggcgaccgga      780
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gcagaacttc gaggtcggag tcttctgttg tgactacgtc actcctgttt ccgatgggta     1020
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taagggaagc gtcactcatg gcttcgctag tgaaaaggat ttccagattg ctgccaacgg     1140
tgtcaaattg gatgccagcg gcaacatcat tccagcgtcg accccagggg agtctgaagt     1200
gccacaggtc agcatctgca gcactcgcaa acctgaggag agcgaagagc atcccaagg     1260
caaagaccgg atggacatta gcatccacaa catgggcgat caccatgat cactgatgag     1320
tttatggacg gtatatttat gtcagctgga gtcttgaggt tggtaggcgg tggataaaga     1380
gaacgggaagg ctatctgctt ggtgatggtt atcgcattgc aatagcaaag ggatccagat     1440
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ttttggcatt gg                                     1512
  
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<210> 6606  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

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<400> 6606
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cccgtgcatg cgccgttatt aatgcccaag atggaagtag gaggggaggg ctctcggca      180
gacgagcgac ggggctttct ctccggcttg tgcgatgcga ctcttggtga actactggc      240
actctgtcag accaacaccc ggcgataccc atgtttccta aaaacttaaa gactttacag      300
tcgaagttct cgttcaagcc gaacaatgcy gcgattccta ctccaacctc aacctcctcg      360
aataccccaa ctttactaa ctcgataacc cacgctttta ctaatggtgt agacgcggcc      420
cagcaaaagt caggtgttac tctgacttn ctgcctactc cctcttccgc tccccaaacg      480
cagcacgacc tgtcgggaaga gtctgactat gaattctcag agcatcgtct gtaccgcgct      540
gccgggaacg gattccggtt gtcgacgaat gcggacgaca ttgacatcat gtttgaagac      600
  
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gtctcatgtc gcacgttcag ctacgcatta cacggaccgg cacgggttcg agcgcaggcg 660  
aacgaagtcg cacc 674

<210> 6607  
<211> 1074  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(1074)  
<223> n = A,T,C or G

<400> 6607  
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gaagtggtag gttctgggtt tgattccgta aagcgtgctg taggcaagtc tggccttatg 180  
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ccgctctacg ttccagcaaa tgggcagcgc tcctctcctt cgcagcctac tgatacgaag 540  
gaggacatga tggagatatt ccaaacagac gtcacggggc aggctcgcga acaccgtaag 600  
ctgatgggtc gccggaatta cgctgccatt gtacgctatg atcctgaaac ggtcaatgcg 660  
atgtatggcc aagcaccgtt ggtccatgga ggcaggctga atcttgccgt ggattttatg 720  
gtccagggtg acggatccta tggaaagggt gtcaaatacg ggccgggtcat tatcccaagc 780  
ttaggacatg ggaaatgaaa acaaggacct tctcctttca gtctcacttt gccctattct 840  
tccttcgggt ctgcatccct ttatgcttac tggacatgat tatgacatat ctactagtc 900  
accatcgttt acccttgaaa ctctcagatg tatatctcac gtatccacat aatggttcaa 960  
gttcgaattc tgcgttttta atggctcgcc ctatgaatac ccagtcttta caacgtcaca 1020  
ctgtctgcat tttcttatct catcaattcg ctcgctggtc cgatcaaaaac acat 1074

<210> 6608  
<211> 697  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 6608  
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gaaaacgaaag agctccggtg atggacatga tcaagacgac acgcgcagga agcgatttgc 120  
ttatctgaag ccccaagttc gtcgggttgc tgaaagaacg atcaaatacta aatggtccac 180  
gctaccagag ccaatgcaag aaaaagttcg cgatatgttt cgagctctcg agcgcccggt 240  
catagtgcgc cagcagagtg agcgaagcgc cattgaagcg caggcggccg ttcaggccgt 300  
agtgaagaat ctcggaagc gcctccctag aatgccattc ccaccgta cgaaggattc 360  
ggttttctgag tacgaggctg cactgaaaga acactgctcc ctggaggcga gcttggctac 420  
cgtcacggac agcactgatc ttttgaaagc cgaaatcgaa aaagaagagg cattacttgc 480  
gaaggaaacg aagcaactgc aggaaatgga gaagaatgct aagcgggagg aagctgaacg 540  
gaagaggcag ctgaaaaatg aacaccccgt acttcgacag ctacgcgttc ctggacaaca 600  
gagtcaggat catactcaat tcacactcgc tggcgcaaac gatttgcaaa ctacgtttga 660  
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<210> 6609  
<211> 654  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(654)

<223> n = A,T,C or G

<400> 6609

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gctccaatgg ttgaggagcc ggaagagcta gatgagtttg acaggcacgc atcacagggtg      180
tccgatttat cggcttccaa tatctcgtct ttgcgctcaa gtgtgtccgg tttctcgatg      240
agccggaccg gttctgacca gcagggggat gtatcacgca tcacagagat ctctagtac      300
agtcgtccac catcctaccg caactcgacc tacttggctt catcgaagaa gcggaagcat      360
agtcgagatg attcgataga tagtgtacta agcacgctga acactggcat ggacaaaacc      420
ctccctgaga ttatcactac actgccccct agtctaggag atagcctgac agaaactcct      480
tccccgaca agcctaatac agtttggtat gtcctaaagt acagcgggtc gccacaacc      540
tgtgataacg ccccgagtcc aggtaatcct cgccggtccg ccgtcaaggg accacgcagn      600
caaccagca gaccacgccg caatagcggc agatcacatt tactcgaaaa cggg      654
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<210> 6610

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 6610

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cctcttcttt tcttcggag ctagctgggt cggctctatgt tcttgggggtg ggctgagtgg      120
gcgttattct acgagctgaa aagcgtgcaa cgggtgtacct tgctctctga gtctacgatg      180
cttgcgctga agaaaatgtg attctggctg tgatggatgg aatttggact gttggctata      240
tttgagcatt ctatctgggg tactatacct gggtagcttg gatgccttga tacctcgca      300
tgtgtgatat ttcgaccata aacagatcat gcgggtatat ctgtttgaaa cgtgacatgc      360
tcgtcccgtc cattgaccaa tgcctacaac cccttctgta ctagctcctc catacagatc      420
ttactcgtga tcatagactg nggcttaaat gaccctatcc tgcagcgtca tcagtctatc      480
catgagatac gcggatgagc aaacatggca atactgccga catacctgaa gcgaaggcat      540
caataacagc ctcaagatct tcaccatcgg atatcgacga cccggtgata tgcttcacgc      600
acccaaccag cttccacgca tcaatcaccg gcttctactc ccacagtgc actaccgtca      660
ccgtgccccg agc      673
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<210> 6611

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6611

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ctagcgaaaa ggtccctggt aatgggaccc ttccctgccga attcataata aaagcctctc      180
caggaacgga cgtatggtca aaacctccat ccacggagag attcaacgct ccgacccat      240
accagagcgt cccgctcaac tcattcaagc gggctagagt tgccttcaat gccttttgga      300
aagacaaata cgaccaaggt ggactcacc ttgttttgaa tagcgcaaat ggtcctcgga      360
gatgggtcaa gacgggtatt gagctcactc atggtagacc ccatttgagc accgttacga      420
aggatagatt tgcggactgg agttaccacc ggtccctcag gtggtggacc accacgctag      480
aatcgagag agcaaacaac ttctgggatc aattattgaa gtggcaaaag ataccctagt      540
gaggaccttg ttttttaagg acaggagtcc aaatcttggg ggggactatc ccgcgaagac      600
cctatcaagg ggaagatatt gtgtaaaaat taggctatat ttatgtgctg ggtcgacg      658
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<210> 6612

<211> 415

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 6612

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catagcagtg	aaggctccct	caccaaccga	gcctggtagt	ccagcatcac	ctggagggtc	180
tcagcctaga	gttccccaga	gactgcagcg	ggccaagatt	gcagatgcaa	tgaaaatggg	240
ggaacgagag	tctgctgtta	ttgaagcgat	ttcgtcacgt	ttggagcgat	tgaatgcaag	300
tatatgaaag	agcatgaaag	agcatgaata	cgtagtactt	gaagttcata	gttgataata	360
cctnctgcaa	ctaagatgcg	atcatgaaaa	anaaaannna	aaaaaaaaaa	ttcct	415

<210> 6613

<211> 630

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(630)

<223> n = A,T,C or G

<400> 6613

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gtttctcctg	tcaagcagca	gcttagtatg	cgccgaatcc	tcggcgggga	cccatcctc	180
ctttcagcct	ccccagacat	tcaaaaatgt	aaaatttgtc	cggaatacca	aacttgga	240
aaggtatgct	cgggagactg	tcaacgtggg	ggtggaagaa	gtgggataaa	aaaccgcaaa	300
cacctactac	ctaacccttc	caatcgagg	tattcaacaa	ggccgaagaa	tggagggtgan	360
aaacaaaaaa	ggncccggaa	aaggggcctt	ccatgtaaat	gattggctgc	caatccgcca	420
atggcaccaa	tacctttgca	atgaccttcc	gaaactcttg	ccccaaaatg	caaggtacct	480
taagaatttc	ttactaactt	cttttcttcc	ttgaaccggg	ttctctgcgg	ttataaacaa	540
gctgtgtaac	cagtacttaa	ttactcgttt	tcttggttaa	tatcactcaa	gcctacccaa	600
ctgtgaccca	caagaacaaa	attgaacctn				630

<210> 6614

<211> 663

<212> DNA

<213> Aspergillus oryzae

<400> 6614

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aacgtaccgt	tcctccaatg	ccggactaaa	ctcgtccttg	actttggcct	tgagtcggcc	180
gacgcggccc	tcacccgggtc	tggtagtcac	ctcctgtatc	agcaacggca	ccgatatcat	240
gccatatttg	gcgttatctt	tcggggggcaa	ggacacgaga	ctggtacctt	ccatttttgc	300
cgttgggacc	actgaaaagg	tggctgtccg	accttacacc	ccgacgacgg	aaacagcatt	360
tggatcgccg	caaagactcg	tatcgcgact	gttcgatgtc	aacgacctgt	atctactcga	420
tagtacacta	tacaggagggt	gagagtctgt	caactgcttg	tgtgagacgt	taaccaggat	480
tggcggggct	actgaaaagt	actgacccat	gcttcggggg	cacactggac	agaacagtga	540
tgcattgtcat	tttagtaact	cctattttat	tgtactcgcg	ttttaatatt	tttccgaatg	600
ggttctgcc	cgtcaaaaagg	gtggtcggga	tgtttctaaa	ctatgtgaac	gagttttata	660
ctg						663

<210> 6615

<211> 672

<212> DNA  
 <213> *Aspergillus oryzae*

<400> 6615  
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 ttgtcattca ccgtctgagg gggaaattag attcactgct gtgggctggc gtcacattc 180  
 aatccttaccg cctttgccgt gggttacaag ttccccactt cttctcagcc agacgatccc 240  
 actgctacct tgaagacttc ttgogtactt tcctatcgag cttatctcaa ctaccactaa 300  
 acttagaagg acagaagagt ccaacaaatc ttgttgatcc atcggctccc gacactgttt 360  
 cgaaccttta aacttgagtc tttcctaaat cacgctgtcg ttgaagttac ggccaggctc 420  
 ggttccccctt gcaaaagaag accaatccca ggcaaggcgg ggaactcgag aagaagacat 480  
 cattcattga tcttggttcta ctcccttctg ccacatctga tcttcataat agaccaaatc 540  
 cgattaccca cctttgtctt gtcacgctca cattccagga cggataccta gctgcgggaa 600  
 gtgggaaaga ggagcttgag cagatcataa tgggtctcgc gtataacgct tacctcactt 660  
 ccaataagat ct 672

<210> 6616  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(667)  
 <223> n = A,T,C or G

<400> 6616  
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 ccaaagaaca ataggcatatc gacatcaacg gagcagggat gcagacagga gaattaaggg 180  
 ctaagagtgc cgatgagtgc tttggttttc tggtgagcta tgctcttcgc ggtgggggtt 240  
 cgtaggtggt gtaggtgtgt tattcacagg gctggcgagc tcgatttgaa ttgtaggcag 300  
 aggagtgagc tctcgcaact gtggcgatg gctacctcgc tctgcggtcg gactttcgta 360  
 cggaggcgcc tctccccagt ccaactgttc atagtcggga ggggggatat gaagagcccc 420  
 cagatcacct tccccagAAC tcggaatcat ggagtgagt gaagcagcgt gtgatttgga 480  
 ccgggggtcaa gctatcttgt tccgataccc cagtgtctgc ggtatgagca gacgagtacg 540  
 attcgctcgc tgaatgaaca ttcgtcagac tcgacgtgga tgaacgattg ggcgttttcc 600  
 gtgctcatcg tatcgacatt cgacaggaat gggcgagaat ccgtatccgg ttcataagc 660  
 gaagcan 672

<210> 6617  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 6617  
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 cgagtacagt ctcaagactc cttacgaagc ggttgctctc atcggccatg catgtatgct 180  
 ggctgtgaac ttccgccttg tgggccttgg tgaagaacac acgatagggt tgtacttttt 240  
 agattattct tgtgtgttta tttttcttgt tttctctgct ccttgctaatt atttaaaccg 300  
 ccagaagggt cgtctgagaa cccaactctt ccgccaggat ggaatgagaa cgataccgct 360  
 tccttcggtt accgtcatto gcagttctcg atgcagtatc tgctcaaaagt cagccgtata 420  
 ggaaacaatg cccttatttt cgccttagca ctaggtgatg acaaaaccac ttcctttgac 480

attccagtc	aagacttcat	ttctgcgtcc	gctntgcctg	cttcatcatc	atcccagtc	540
aacgccacc	tcagtgaagt	tttcatatct	acaccacgat	taaacgattt	gacggggcta	600
ttcaagataa	acgtgatcca	aaagctcgcc	cctgggatat	acaaggaagg	atatgatgcc	660
acgagccagt	cagta					675

<210> 6618

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<400> 6618

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ccgggtactt	gctgtcaact	tcttctcggc	caatgccgga	atctcgtggt	aatggactgc	120
ggagagattt	ctgaacatcg	tgtagcact	gttcagaag	ccgatgagga	aatggaactc	180
caacgaccgt	ggaaggttct	tgagccggac	ccggacaaac	gaccaacagg	acagggctgg	240
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aacgtccccg	aagacaaatg	agaagtccaa	gaagcacaag	tcaagcagct	cctcgttctt	360
tcacaagatt	tcgcgtttgg	tctaaaacca	cggtttcttc	catgggagac	aatatccgca	420
ttagcatcca	gccaggccgc	aaggagccgc	cgtctttcga	tgctttcgcg	ttcagggctc	480
gatatccagg	ggacgtacaa	gggcgctgac	tggtacgatc	cgcaaggcga	tgacagactg	540
cggtcgacct	aacactctgg	atgatcaaca	gcagggagaa	cgggcccccc	tcgcctttgg	600
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<210> 6619

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 6619

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gtgcctgaca	agtatcaaca	attgcgactt	cgtttggaga	tcgagcaagg	gaggctcctt	180
agttggggcc	atagcttttg	attattgcag	gaagaatcgg	agaaggagga	tacatcgagg	240
atttcgatcc	ccgaacagggt	ccggtatatg	gttcagggat	acattgagcc	gctgtggcaa	300
aaggctcctg	atttcacggc	agagaccccg	ggcttcgttc	ccagggacaa	gagagaagaa	360
acaccgagcg	tgcatcatgg	aggcatggcg	cgacggtttc	ggctggaccg	catgtatgcg	420
aaggccaggc	agggaaactat	taaattcaaa	gaccgtgtca	attgggctta	ttggcagatg	480
gacaagttgg	aagatttggt	ggaatgtatg	agacatgtca	atggtagtgt	catcgccctg	540
gccgaggtga	aaacgcagca	ggagatccag	gaaaccgtta	aagcgacgct	gatgggcctg	600
ctcagtctac	aagacactgn	taatggacta	aaggagctaa	ttgtggctgt	cgaggagaag	660
cg						662

<210> 6620

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 6620

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accctccctc	atttgcgatt	ggtattgtcg	gagggttagag	tagaacgcgt	ggtgggttgaa	180
ataggggggtc	atctttgaca	aaggtagctc	ttcgtgaatc	actaggtggt	ttacaatggc	240
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ggcctcttga	agcgattcca	tattccaagc	ctcaggcttc	tcgatgcgga	acgtgtcatt	360
ctcgtccttg	agatactgat	gctctccatc	agtagtgatg	agttcctgta	atgatgagag	420

gatcgaagaa	gtatccgccg	ggctctagaga	agagatatgc	agcgaagaga	gcgaaggcac	480
ggtcgctcgtg	ttctgcgtga	cttgcaagtcc	caacttagtc	aaacaggcct	tcaaaaagtc	540
cgctccgggcc	ctgtcatccg	cagcttaagc	gtctaccatt	ttgccgtatt	ccggggccacc	600
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<210> 6621  
 <211> 673  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6621						
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actgcagaag	gcccgtcacg	caaacggcaa	tgggaatacc	gcaattgcgc	ccgactccag	180
aaagcatcat	cctgccataa	gcaaaaaggc	aaccgcacgc	ccaccactct	acccacagc	240
gccattaagc	agtcfaatcta	gtgccataag	cgagtcagggt	gcacgggatg	aacaagaaat	300
gcagaacggc	gaagaagatc	cgcagaatgc	ccttttccac	cagggtcttg	aatggcttca	360
gcgtgaaaaa	tctaaacgga	aatctcccaa	agtaaaagcg	catgcacaac	cagatggttc	420
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ggagaggaca	acttcccatg	gggcccagaa	tgtatttgcc	ttaaacaagc	tggagaagat	540
cctcatccag	tacgctgctt	cacgcagtga	cggcgctggg	cctgcttata	ccgctcggcg	600
gtcaacccgc	cggcggtatg	tgaaagggct	acggaagggg	tcttgctctg	aatctgaata	660
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<210> 6622  
 <211> 698  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6622						
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tcagtcactc	ggctcgcaga	catccgaaat	cacactctct	gtacaaagct	tgagcgacac	180
tctctatgaa	gcgcgggagc	taacagccac	cgctctctga	agactccgat	ctgcgcgcga	240
atgggtctcc	gaactccgcc	gtgaagaaaa	acggtacgca	agagggggcc	gcgatcgggt	300
cgaacaaaact	gtggcgacga	cccagttctg	aaccggccgt	tctaccctga	agaaaatggg	360
gaagccgaaa	ggtgcgaacg	caattccgct	tcgggaactt	ggacccaaaa	ccccgtctgg	420
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gaaaaggggg	gggagaggat	gggtggacac	cacggaaaag	ggacgtccca	ctaaaacatg	600
aggacaaaac	cactttgacg	cccgacgca	agcgtcgaa	gaacatcgag	agcgcccatg	660
ctgcccagaca	ccgacataga	tcgcggtgga	caacgcga			698

<210> 6623  
 <211> 691  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6623						
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acgaatggct	ggatgattga	gctaggctac	agtgaaggct	cgtcaactac	agatctcacg	180
gtcggatatc	gcattttacat	ctccggcgac	acactactga	tcgacgactt	gaaagaaatc	240
cccaggcgct	atgggtgatca	aaagatcgac	ttgatgttgg	cgcactcttg	tgggacgact	300
gttccattac	cggcattggg	cccattggcg	atgatgggtg	ccatggacgc	caaacacgga	360
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atggggggga	catttaaacc	cccagatgga	agttttgttt	ctctgaaaaa	cttatttttt	540
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<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 6626

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ttccagaaca	ctcaggggtat	tatcttcgtc	gtggatagca	acgatcgca	tcgtattgtc	360
gaggccccggg	aagagttgca	gcgcattgtg	aacgaggatg	aactccgtga	tgctcttctc	420
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cagcttggtc	tgcaaagtct	cactcgccgt	gcttggtaca	tccaatctac	ctgcgctacc	540
accggtgacg	gtctgtacga	aggtctcgag	tggctcgccg	atgctttgca	gaaggccggc	600
ccngatttaa	atgtgtataa	tgcgatgagt	gaaaaaatac	ctggacgttt	gacttgggaa	660
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<210> 6627

<211> 964

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(964)

<223> n = A,T,C or G

<400> 6627

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taaaaatatca	ccatggctgc	cccagtccca	acctttaagc	ttgtccttgt	cggtgacggg	180
gggtactggaa	agaccacctt	cgtcaagcgc	caccttactg	gcgaattcga	gaagaagtat	240
atcgcaactc	tcgggtgtcga	agtgcaccct	cttaatttca	ccaccaacct	tggacaaatc	300
cagttcgacg	tgtgggatac	tgccggccag	gagaagttcg	gtgggtctgag	agatggatac	360
tatatcaacg	gccagtgcgg	tatcatcatg	ttcgatgtta	cctcccgtat	cacctacaag	420
aacgttccca	actggcaccg	tgatctcgtc	cgtgtctcgc	agaatatccc	catcgtgctg	480
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cgcaagaaga	acctccagta	ctacgatatc	tccgctaagt	cgaactacaa	cttcgagaag	600
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cctgctcttg	gctctcctg	aggtctcggt	cgacccggaa	gttttgaagc	agtatgaggg	720
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tgggttcgtt	atgcaaagtc	tttgaatttc	catccaacga	tagcggtcgg	aggatgaatt	900
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<210> 6628

<211> 688

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(688)

<223> n = A,T,C or G



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<400> 6628
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gacttttgaag accgaagtgc ctctcaaaat actcccgctc aaacacctgc ccagacccag      180
gttggaaacc cattagccgc cggcgatgaa cttggaaatc atggacctgg tgtggacgaa      240
tttgtggatg ctgagccaca aactgctcac atcgatgatt acctcttacg gtttatggaa      300
tggaacttga aggacgaacc gctcgttcta ccccggaaca agggtaagaa gaagtctaag      360
aagggcaagg agcatcgtct tcgcaaaaga cgccgttaag acgagaaaga ggtcatggg      420
accacgacaa tgttttcgat gaagagttta agggccaaag cgtccaatgt aattgtactt      480
gtgattgact gctaaagctt gtgtatctga ctcagttccg gcttcttctt cgactcaatg      540
gatgaccgan aggccaangg aaggaatcct gctggagntt ggaaggcgct cgcattggaag      600
aaaaaaaaatt tcattggcatt atggaatgga cctgaaagggt tcttctcttc attttgatcc      660
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<210> 6629

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(668)

<223> n = A,T,C or G

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cagtcacagg ggtcgaactt gacagccatc gattgtcatg aggggaagggt ccattcgagt      180
ctccactgtt cccaactcgt accaccacaa tccggccact ccatgcaacg ggcggacaag      240
cgcctttgac cccaattctc ccatcagaga gtaattccag ttgggggctg gaatcaaatg      300
ggaaggaaaag gtaaagagag agtggtgggga ggagggggga ggggggggtg aagaaangaa      360
tgaagagaaa aattccagtt acagcaatat tttggcgcag attgtattgt tatgccacc      420
caccggacta tctcttatat cgatggtccg aatggttgac gctcattttt caaagtgcga      480
cgaatatccg tatattcctt gacaacccca acatattatg atgtgtgttg agttctaatt      540
gataaattga tatgactacc agggcatgcc gattgggaaa cctttgtgat attatgggca      600
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<210> 6630

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

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aaacaaatgg caatatcttc ggcgcaatag agaattttta agtcaaacct tcaaatacga      180
tcataccatc gtacacgcct attctccatc cttatacctc aacattcagt acaatttttg      240
tcggggtgtg cccacaaaac agtgccgaat aaggaagccc ttgcgcgatc agcatatcca      300
tcaccagatg cagtcattcg tgggtggctg atcgagcaag acatgagatg gccgaggcat      360
cttaagccgc caggaggggc tccttctccg cgttcaaagc aggatgctca atcgactccg      420
ccacagccac gggctcctcc ttcacagcaa cgggcttctc tttaaagtgc tctgggaaat      480
ccgtagtctt tgatacgggc tcggtgtcga tctccttttt gataacgggc ctcgggggtg      540
agaccttggg catctgcgga gacacggagc gacgctgacc gatgtattcc tgggccttgg      600
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<210> 6631

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

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 caagattcag ctttgacgaa ttctgtcctt tcgcaacagc gaatgaacgg tcaagagccc 180  
 cgatatggcc ctcaagttca ttcgcaagag gaatatgcta ccacacactc tccacaacaa 240  
 ccatatgacg ccattcccac catcgacgcg ggcttggctt cagactccgg gtctaagtac 300  
 ggttctccga ttgatgacat gcgatttccc atgtctccaa atcaccgtca ttttaaccgca 360  
 cttgacgcac ccctccctgc ctccctttgat agccaaggaa tatcgacgcg cgctcggtat 420  
 gggccagtag ccgcttctat gccatcgaaa ttcggaactga aactatcccc gcccggtccaa 480  
 aggattggcg cccactccga tgcgctccga agtctccgcg ataccgcata tggatcggat 540  
 ttaagggaag caccttcttt catgggctct tgcnctnctg agattcctga ngatggcccg 600  
 ggacctcgat ttttgcatte acagcgtttc gtgaaaccac gaatgctctc tgcgagtgtt 660  
 ccgcggttta ccgcttaaat gattgggatg 690

<210> 6632  
 <211> 304  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6632  
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 gattcctccg tccccagcgt ctgggtgtct ccgtttgaca gccctcgcca ttctccgtcc 180  
 tcgacttccc tttcgtcgct ggcgtccgag tctgagaaca agggcaagat gttggacacc 240  
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 gctc 304

<210> 6633  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6633  
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 gaaagcctgg tagctatgaa gaagggcttg ggaagttagc tatccttacc tccgaagagg 180  
 tggcaaaagc cgcttagacc gaaatcaaga ctggctcgag agtcacgatg ggggtgggatt 240  
 taacgaagtt gaattattca atcctaaacc gtcggccggg ccagcacaag atcgttcctc 300  
 ttctgggcgag agtggcctat gatgatattt acaccatgaa tcctcaacia agtagtcagt 360  
 gggatggact gcgacactta tctgaaactg ttccctggcca gaccgagcgt gtattctacg 420  
 gcggtgtgac atctgaggag atcaacgacc gtagcaacia tcggattggc atgcagcact 480  
 gggcgcgagg aggtattgca agtcacggcg tattgattga ctacgcccga tgggcgaggaga 540  
 agaatggaat cacgttcagc gccttgtcca ctcacacgt gcgactatca tacattctag 600  
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 ttaccccaaa atgggaccc 679

<210> 6634  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(669)

<223> n = A,T,C or G

<400> 6634

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caaaccaaac	agaaaaaata	aaaaaaaagc	cccttctcca	ggctccaaat	gatcgggtgt	180
tctgtcagtc	aaatgactgc	gtaattgccg	gcgaagaata	ataaaaatca	ttaaaaaggg	240
aaacgaacct	ctcaacttct	cctcccgcag	cttgaggaaac	cgaccttacc	ttacctaac	300
taacctttta	ctcctcattc	ctcgtgatta	ctgggtattat	tattccttct	caccgcgcatc	360
taatcggcac	tccccatatat	tcaaaccacc	cattcctatc	gtccctcggt	cgaccaccac	420
ccactttctg	ttctgaattc	tcctttccca	ccccctcttg	attcttgggg	ggttcagtc	480
acccatcagt	cgcttttagt	tgacccattt	ccagccactc	gctgagaagg	gtcctcgct	540
gactctgcat	gtgctcagcc	ttacaccagt	cctgaacgat	caatcggagt	gtgcctcttc	600
cgccaacaca	ccaactttca	cccgtggctt	tggcaccatc	aagcctnctt	ctctggaagg	660
agattccan						669

<210> 6635

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(687)

<223> n = A,T,C or G

<400> 6635

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gcatttgctt	cggccaacgg	cggcaacgat	gcatgcagca	agtacatcta	taacaccctt	180
tataacgatg	ccagcgtcga	cgtgtaccac	tggagggagg	tcatcgataa	aacaaaccgg	240
aacccttgca	agtccgccag	cggttcatgc	ggcgcggaac	tgtatggaat	tttcaagcta	300
gaccaaaacc	aggattttta	caactggggg	caggacatgc	gtaaattgag	cacttgcacg	360
gccaccaacg	atgctgctcg	caagttcctc	tgggacacct	ttcacgaggg	aaagagcacc	420
gacatgacca	actggaagca	gatcattcat	gccaaaggat	cgaacccttg	cgagtaagat	480
cttctccttt	tcaagtattc	cactaagttg	atztatccat	ccttgtcaag	tttggtggat	540
actctcgctn	tatcccttca	gaatcgagcg	cctgataatt	ggttcggagg	ccganggaga	600
aaatgggggg	atgctngttg	aaactcttga	tacaatagat	cgcgttgggg	tagccagctt	660
gtaattacaa	agaaataata	ttgcttn				687

<210> 6636

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 6636

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ttaatactgt	gagaccacga	ccaagtcgaa	tcatatattc	actttcttca	ttaggagtgc	180
ttggagctgt	cctgctaagc	gtccttcttt	tggtgcttat	tactgcaaaa	gaccagaaga	240
gaagagactg	caagagctgg	ctctctacgc	acctgaggtt	atcagttagc	ttactagcaa	300
gacttggtgt	acatgcggtt	tggctcgacg	tcgtgtcgaa	tgacaaccag	acaaaatatc	360
cattgaatta	cggagtgact	cangcaaata	tagttcgtgg	acgcggcctt	cattcaatgg	420
cacctacaca	acaaccgact	gtagaggagc	ggagctcttc	ggacactacg	gcctcgtaa	480
taaaaagccc	tcgaatggct	cgttttgtgg	aagcaacgac	ggtgcaattc	cgcactggcc	540

ctgctgacac	cagcaagtca	ccgtttgcag	acccttccgg	tcagtctaaa	cgcaccctga	600
tgtgttcgac	gtaagctttg	gatatgttgc	cgcaaagtat	tcggtgcagc	acgtattcca	660
ttaccaaatt	gccgttttta	ccactcaaaa	gggctttaaa	aatt		704

<210> 6637  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <222> (1)...(672)  
 <223> n = A,T,C or G

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aaagatgcaa	tggatttgcc	agatacatta	gccacattga	gggacaaaga	aacattctat	180
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gccttattcg	gaccccttct	caaaagcaag	aagganaacc	caaaagccac	acttatcatg	300
gctatttctca	acgctacgag	agagatgtct	acacccaaag	atcaggtcgc	gtgtatgttt	360
cgtgccatgg	aaacactaca	gcgttttcgg	ccattgagac	ccagacgggg	agatcttcca	420
attaaatata	atgccgaatt	tctgaaccag	atgaatgcta	tggatttatt	tacggataat	480
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gtctggagat	gaaaactggg	aatagccatt	gttgcgaaat	gggccaatgc	ggttgggagg	600
gaatcccaca	ccgcatgagt	ttgaaatgcc	tttttggtct	gggcatactg	tttgcaaagg	660
gtatttgaag	gn					672

<210> 6638  
 <211> 629  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6638						
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caggatttgg	ttctcagcct	cgttgtgtac	gatcatcaag	aactgactgg	agagaaaagga	180
caaacagttc	aggaagttaa	aatagaacac	agcctgaaac	atcaaagtc	gagactaaag	240
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tctgttagtc	caaagttttc	aaatctcgc	ttcggggccg	tttcagtc	tgatcatatc	360
gtaccgaaat	tcctacaatc	ctcgacgaat	cgtttgacag	cagacacaac	gccataccta	420
ccccgcattc	aaccagaacg	aatcccggaa	actgtttctc	tatcagaatc	tccagggcgt	480
acgaacttgc	ttaaagcggt	ccaaaagtat	ttatataaag	ggagccgtta	cgttgaacga	540
attttggaca	ttccaccaat	atggtgcgac	aactttcttc	ccagggaagt	gtacgaaaaa	600
acttcttcaa	cgtttcgaca	catattaaa				629

<210> 6639  
 <211> 714  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(714)  
 <223> n = A,T,C or G

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cggtcgtgac	ctcgacattg	atcaccattc	caagaattaa	gcagtgtat	actgctagtc	120
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[illegible]

<211> 649

<212> DNA

<213> Aspergillus oryzae

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gaccaaagaa	catcccaccc	tacacgccga	tgtcctcgct	cggccatgag	ttaggtgtga	180
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cgttcgaacg	ccgggaggca	caaaaggaaa	aggcccgcga	agagcggttt	actaggagag	300
acgtccacca	tgagcgcagc	ggcatccccg	agaaaatgta	tgataatcgg	agagctatat	360
tgccggagat	cagtagatat	gaacttccac	atgggattta	atatggggga	gatttgcctt	420
tatgtgatgg	ggtgtatttg	gtgattcgtg	attatgacga	cattatattg	ttgtgtattt	480
atatttggat	gttatgccgt	cgcatttccg	tcagggtcgc	acgaaatggt	atcatgatta	540
tgttgatatac	gctatgatta	cagagtagat	cgccatggtg	tcgattttta	gattaagatt	600
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<211> 585

<212> DNA

<213> Aspergillus oryzae

<221> misc feature

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<223> n = A, T, C or G

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tgtcaaggag	atccgaanta	tcnnnngacg	acggtggnga	aaaccttttg	gggtttttaa	540
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<211> 651

<212> DNA

<213> Aspergillus oryzae

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ttggcccgct	gtctttcgct	cctcctcagt	gcaggcccaa	aagagtcctt	ggaaagacca	180
aatgtgcctt	tctactgcac	cggtggtgcg	ggtaccatt	atccgcatac	gcagcccgat	240

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<222> (1)...(666)  
<223> n = A,T,C or G
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<212> DNA
<213> Aspergillus oryzae
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<211> 465
<212> DNA
<213> Aspergillus oryzae
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- 2358 -

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gttctgtgta	ccatttgggt	gatagattat	tactatagta	aattaacgta	tcagatagaa	420
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<210> 6646

<211> 225

<212> DNA

<213> *Aspergillus oryzae*

<400> 6646

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aggaaggagg	agagagcagg	aagcaagatg	tgctgagata	tttttccttc	gtatctttcc	180
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<210> 6647

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6647

cgatttatca	ctgccttttc	tccccattgt	tgcccgaaac	aaccttacag	agagagagat	60
attctgggtc	gagtacagta	caacagttgg	aattgacgtt	gggtggcatc	atcgagcatc	120
accccgtagc	ttcctatgga	attttctcca	tcattatcgc	tcattatcac	tcagccctga	180
ctcaacgtgg	tgccagttca	tctcattgca	tttgaactat	tcctctcttg	ttgcttctat	240
cttccaactt	acgctgttct	acttttagag	tatcgtggcg	cagtgtcctt	gggcctgagc	300
cttgggattt	ttcttttatt	ttttattcta	tttattttat	ctattttatt	ttatctaatt	360
atcttgattt	tttccccatt	tgccccctcg	cttgctcttc	ccgcaaggga	aaaccaaagt	420
ctctgatacg	gtggaaccgt	gccttggtac	cgtacgttac	cgatcttttg	tgaaagttta	480
ccttgcaacc	aaacaacaat	ccaatccgct	gtgcctggga	attgccgggc	ccatttttgc	540
ctcttgntc	ctgggctgac	gggcagtagt	tcattactta	gtacttactt	gttccgctcc	600
ctttctccgt	tttcttccgt	aatctcctca	acccctttac	tgtctctcca	tcatacata	658

<210> 6648

<211> 599

<212> DNA

<213> *Aspergillus oryzae*

<400> 6648

aaaaccggaa	agtttaattt	tctttggggg	aaactaaatc	tttttttatt	tcctcccggt	60
atcggaattt	ttgacctaaa	aaaaattggt	ctttcccttg	taaaaaaaat	ctttaatttt	120
taagggtttt	ttttttttcc	ccccctgtt	ttttggcaaa	ctcttaattg	tgtttttcca	180
ccttttaaa	gggtttggcc	ttttctttta	ccttggttcc	cccacccctt	cctttaaggt	240
taccaacccc	cggagggtgg	acttttccct	tggaaaaaaa	attttttttc	cccctttta	300
aatttggttt	ttatttttgt	tttcccggtg	gcgaaaaaag	ggttggtttg	tgtttttgaca	360
tcctccgagc	ccccccacc	agggttttac	atttttcccc	ctcaggagcc	ttttttaaac	420
aacttttctc	ccccgaatt	caaacttttt	tttttttggt	gaaaaaaaac	cttgtttttt	480
tctccccagg	ggaggggggg	gaaatttttt	tcttttttaa	agaatcacc	ccctctgttt	540
cccccttat	aaaaaaatat	atttttgggg	gttaattttt	atcttcggaa	aaaataata	599

<210> 6649

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 6649  
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 cctattcgcc tcagagatcg ccagtattga cggacaacga agtttcagta tcatcacgaa 120  
 gcatgatgcc aaagaggaca tgcgggttgc cgaagcgctc agccagatat cctgggtgaa 180  
 acctctcgca atgtcgctgg gttggcgaat tcttacttta gctgtccctc ttcttgtcat 240  
 tgcgggccta gagaccacct accagatctc tcagaaacga aatggcttgg ctgatatcac 300  
 atccgatggt tatattcgct acacctgggt atatatccct gcgtttatca tgctcttgat 360  
 acaggctctt ttcaaatgca gccacttctc tactcaggtc attcagccat acctggagtt 420  
 gagacgagga ggattgaccg cacaggaaaag cttgatggac aattacctgt cgaaactcac 480  
 catgcatgct ctttgagcgc cactcatcaa aagaaaagtat gcaattttta ctactgcatt 540  
 gactatgac ctggcacctt gtttgacaat cgccgcgagc gggttgtatt ctaccgaagc 600  
 tgctagctat gtgcgagcag tgtctatctt gagaaacgac tcgttcaact cgaccgtgga 660  
 gcctcaagct taccactcgg gacagan 687

<210> 6650  
 <211> 758  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 6650  
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 aaagattcca atggagacgg ttggggggat atccccggac taatttccaa ggtcccttac 180  
 ctgcactcac tgggcgtgga tgttgtctgg ctatcgccca tgtatgattc tcctatgcat 240  
 gacatgggct atgatgtgtc cgattatgaa aatgtattgc cagcttatgg tactgtcgaa 300  
 gacgttgaga gacttataga cgctgtcat gagcggggca tgaaattgat cctggacctg 360  
 gtcatacaac aactagcga tcagcataaa tggtttcaag agagtcgcag cagcaaagat 420  
 aacgacaaga gagattggta cttctggcgc ccgctcggt atgatgaaca gggcaataga 480  
 ttgcccccca ctaactatcg cggatatttc gccggtagca cttggacatg ggacgaacat 540  
 aocaggagt attacctcca tctatacgcc aaagagcaac ctgatctcaa ctgggacaac 600  
 gaggtacac gaaaggcaat ttatgacagt gcagtcgct tctgggtggg acaggggggt 660  
 gatggattcc gcgtcgatac cgtcaacaag tacagcaagc acacggactt tccagatgag 720  
 ccggttactg atccnaaaag catatncagc cggcaatt 758

<210> 6651  
 <211> 814  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6651  
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 tgtctaaagat cacagtcgcc ggagtgcgcc agaatacca gcagctgctg gactactctc 120  
 agaatgagaa gaagagaaac ttctctcgaga ccgtcgagct ccagatcggt ctgaagaact 180  
 accaccccca gcgtgacaag cgtttctctg gcaccatcaa gctgccttcc gttcctcgtc 240  
 ccaacatgac catctgtatt cttggtgacc agcacgatct cgaccgtgct aagcaccagc 300  
 gtattgatgc catgtctact gaggatctga agaagcttaa caagaacaag aagctcatca 360  
 agaagcttgc tcgcaagtac gatgccttcc ttgcttccga tggctctcatc aagcagatcc 420  
 cccgtctctt ggggtcccgt ctttccaagg ctggtaaatt ccctaccccc atctctcacg 480  
 ctgaggacat ggccaacaag gtcacogatg tcaagtctac catcaagttc cagcttaaga 540



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aggttctctg tctcgggtgtt gccgttggca acgttggcat gactgaggat gagctgattg 600
ctaacgtcat gttggccatc aactacctcg tctctctcct caagaaggga tggcagaacg 660
ttggcagcct tgctctcaag gcttccatgt ctctcccaa gcgtctctac taaattattg 720
acgctctctg gtcacgctgg ggggttttta ggagcttaga agtgggattg tatatgccat 780
agtatcgga atataactcg ctacttcgtt cctt 814

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<210> 6652
<211> 682
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(682)
<223> n = A,T,C or G

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<400> 6652
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cagatcttgc gaggacttaa atatgtgcac tcagcaggcg ttgtgcatcg cgatcttaag 180
ccgagtaata tccttatcaa cgaaaactgt gacctgaaa tttgcgattt tgggtctcgcc 240
cgtatccaag accctcagat gacaggctac gtgtcgacgc gatactaccg tgcgcctgag 300
attatgctca catggcaaaa gtatgatgtg gagggtggaca tctggagcgc cgctgtatt 360
ttcgccgaga tgctggaagg aaagcctctg ttcccggca aggatcatgt gaaccaattc 420
tccattatca cagagcttct tggtaactca ccggacgacg tgattgagac aatttgtagt 480
gagaataactt tgcgattcgt caagtctctc cctaagcgcg aacgtcaacc tctcgccacc 540
aaattcaaga actgctgacc cgatgcggtt gaccttctcg agcggatgct ggtatttgac 600
ccgaagaaga gaaatcgcg ggggtgaaggc gctgcacacg agtaccttgc tccgtaccac 660
gacccaccg atgagcctgt gg 682

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<210> 6653
<211> 864
<212> DNA
<213> Aspergillus oryzae

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<400> 6653
caaaacttct ggtctggctc aggettatgc tcgtgccctg gtttgccgac cgcattgtcca 60
gcttcgggtg catcctcgct ctcatgacg ttgttgatgt acccactgcc aagatcatct 120
cgcgtgaggt ttccgacggt gtcacgccc caggctactc tcctgagget cttgagatcc 180
tctccaagaa gaagggtggc aagtacctcg tgctccagat ggacgagtc tacgttcttc 240
cagccgagga gaccggtact ttgtacggtg ttcagctctc tcagcaccgc aacgatgtgg 300
tgatctctcc ccagaagacc ttcagcacca tcgtgactcc taaggacctc cagagccttc 360
ctgactctgc tttgcgggat ctactgttag ccaccatcgc tctgaagtac actcagtcca 420
actctgtctg ctacgcccctc aacggccagg ttgtgggtct ggggtgctggc cagcagagcc 480
gtatccactg cactcgcttg gccgggtgaca aggctgataa ctggtggatg cgcttgacag 540
accgtgtcct caacattaaa tgggaagaagg gcactaagcg tgctgacaag gccaacgcca 600
ttgacttgct ctgctcgggt aacacccctc gcaacgatgc agagaaggcc gactacgagc 660
gtgtcttcga agaagtcctc actccattca ctcaggagga gcgggaatcc tggctcgaga 720
agctgagcga gggtgccagg ctctccgatg cttgcttccc tatcatcgac aatgttttcc 780
gagcagtcgg ctccggcggg aaatacatcg ctgctcccag cggtagccac aacgattgcc 840
ctgtctacag actgcggaga gctt 864

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<210> 6654
<211> 656
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(656)

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<223> n = A,T,C or G

<400> 6654

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gaggagtatc	gcgatgctcc	ggagaagtgg	actcatcggg	ttacggctga	ggagatcgcg	120
gaattgagtg	cgaccgcaga	tcaattcctg	gcgaacaaga	ttcccttgac	tggtatttct	180
aagagcaact	ttccccttcc	caacctctcc	aagcgctctg	ccgaactgcg	tgcagacctc	240
atcgatggca	agggttttat	tctcttcaag	ggtttccccg	tccaggaatg	gggtaaccac	300
aagtctgcag	ttgcatacat	gggtctgggc	acgtacctgg	gttactttgt	cagtcagaac	360
agccgtggcc	atgtcttagg	tcattgtgaag	gatctgggtg	aggatccgac	tcagattgac	420
tccgtgcgca	tctaccggac	taacgccaga	caattcttcc	acgetgacga	ctcggatatc	480
gtcggctctg	tgtgcattgc	tcgtgcgctt	gaaggaggcg	agtccgacat	cgtttcttcc	540
caccatgtgt	acaacacgct	cgccaaggag	cgtnccggacg	tnnctcaaac	tctcacagag	600
cccattctgt	acttcgaccc	gcagggtgag	actagcangg	gacaggagga	gtacat	656

<210> 6655

<211> 304

<212> DNA

<213> *Aspergillus oryzae*

<400> 6655

ctaaaaacga	aagacgaacg	tacaatgagc	gcgcctgtgc	tttctgagtc	tataacctatc	60
acgatgaaac	cccgaagggt	ctctaaagga	gagctcgaaa	ggaataactc	aagtgcctctg	120
tacgccgcta	ttgagaaatt	cggcagttca	ccaccgcgtg	ccattcgatc	ccagacgttc	180
tccaacgccg	ccgatcccgt	gcttacagca	gataatgcaa	agatcgacaa	agtcgtgtat	240
gacggcaaa	atgcagaaaa	gagcagtgct	gctagtgcc	tgattgaaat	atcaaaccgc	300
tctc						304

<210> 6656

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(688)

<223> n = A,T,C or G

<400> 6656

cagtttcaaa	agtccatctc	atactatgcg	gcaccatcta	cgagggtctgc	actgcaacat	60
ggagaggggt	acggcaggat	cgagcatcta	tttgtcatgt	tttatggacc	tgtacggcga	120
accacttttg	tctactgttg	ctgacagacg	ctgctccctc	ttgccgcccc	aaacaaccgt	180
ctcatcgcca	ccgcttccca	gcgccatggg	gggatcaggc	gacactggcg	aagccaccat	240
tagtgccgtc	agatctgacc	caacaaatct	caagggccac	cggagtcact	catatgaggg	300
tgacagtcac	caaagaagga	tccaacgctg	aaagtggcaa	cgccaccagc	agcggtttac	360
caagcgatga	atccaaaatc	gcgaagtaca	acggcatttc	cgagagcgcc	aatagtaggg	420
gcgagtcagc	ctcgtagggt	tttagagagg	ctacagcaag	agtatgtgog	gacattgggc	480
cttctggggc	agaccgagag	gcaatgtctt	acactagcag	tttcaggctg	aggccgaaaa	540
atcacggcga	tagcggcagc	gggtgatatg	cgcaatggca	gataatagcc	cgtccaaggg	600
actcactcag	gattcatncg	gtgttcggct	ggcgttggtc	tatgactgtt	ngtacacgaa	660
agtgaagaaa	tagcgtcct	ttatagct				688

<210> 6657

<211> 257

<212> DNA

<213> *Aspergillus oryzae*

<400> 6657

ggaagagata	gaaggcgaac	aaagaagagg	actcgggcct	agtgtgtgta	tggatcgatc	60
ttattgggat	cttgacttga	tgaatccacg	ttgaagtctt	tgtcagcggc	tcgaattttc	120

[illegible]

<211> 663

<213> Aspergillus oryzae

gctgaagtct	tcttgtcttt	tccgcccaat	gacagcctgt	cgagcaatcc	acttctgtga	60
ccattcaggt	gactcgtata	tgaagaaact	gcagcacctg	tcattggagtt	tctaaccac	120
ttcccgaagt	gtcgtagcgg	aagcatcaaa	cttgattttc	ttgtcccagc	tctaactcac	180
aagtaaacca	ctacgatgac	catgaaaagc	ttctcgttgt	cggagggttc	tgccgtcgcg	240
aataggcatc	ccttctataa	cccggaaatt	caataatccat	tggacgagac	agcattacag	300
gcagtcgag	actgggcgt	taagaaccag	acgggatgtg	accttcggat	cccagccatt	360
gcttcacaag	aatgatatct	ataagactgt	ggaacgggtc	acgcacgaat	gcagccccga	420
gaatgttgta	cgttgaagcg	caataaatga	gcaatcaagg	gcggcgggtc	cgggtggagt	480
acaatgaagt	ttgcatccga	atgtcaatga	aaatccaaaa	gcaaagggtc	aaatggggga	540
actcctaacg	gattggcggg	ggtttcaagg	ggttaagaac	gggtaatggc	cgttgaaaat	600
actagggggg	ttttaaaagg	gcccttgggc	ttgggaaaaa	ggggccttgg	gggaacaccc	660
qqq						663

<211> 638

<213> Aspergillus oryzae

gtcaagaaaa	gaagttccct	tagtatcttc	tctttggcga	catctgttct	aacggtccaa	60
ctctctcgcc	ctgtggcctg	acttgtagtg	tctgctccat	ccattgcatg	actcctacta	120
tgctgtctac	ttccacgcac	gtgtaaaggt	caggcgcggtg	gtctacattg	tcgtccgtta	180
cttgattcta	ttcttctttc	tttctcactc	cttcactcgt	ctgaatttat	cggattcat	240
tttgatcagt	cgatcttttc	cgccaagat	gccttctttc	aaaccaactc	tccatccatt	300
gcaaaccct	cggactatgg	tctttccatc	agagcttcaa	gaggactcag	gatcttccag	360
cctttcagca	ggcaatggta	gaggggatga	accactctcg	acaccaatca	cacctcccg	420
agcctacaca	gagttcctca	agaagtttca	gcctatctta	tcccctatca	ctggggagcc	480
tgacttttct	aagatccaca	ccctgagggg	aggccactcc	accgcacaa	attcttcaat	540
gtccccagcc	gcatacagcc	cgaccagtgc	agtcagtgg	acattcagct	tcagtgggtga	600
ctcgttcagq	tcaqccqccq	cttcqctgcc	accaccaa			638

<211> 671

<213> Aspergillus oryzae

<221> misc feature

<223> n = A, T, C or G

ggctactgga	ccgtcgctgg	agtcgaaatc	gatatgttcg	gacgagtcg	acaagcttgg	60
atggaatgcc	cactcagaag	tatctgacga	ggctatgagt	aagctgcgaa	acatcgtttc	120
cgaggaagtc	ggaaccctac	ttcgagcttt	agaacgtggg	cgcattccgat	tgaagcctgg	180
tcgctctgag	cgtgagaaaa	tgtctcccat	cgaatccaaa	accagcatac	gcaatggtcg	240
gtacggtggc	gatggagcac	aggacgatga	tgcgcggact	tttcogaaca	cggtcccaac	300
agagatcctg	tctcttttcg	ataaaacgga	caagacagaa	gaacatgaac	ctgaacttcc	360
ggctaccgag	tccgatgcga	ctatgccaga	gtgatactat	cacgatgtcg	tcaaacagat	420
atagtaataq	aatacggagg	cttqtatcaa	aggctcttgc	ctattacgtg	actctagcat	480

acaacttinct	atgccaaagt	cacttaatat	gcgtaagagc	ctttaatgct	ctaccctcat	540
tggaactatcc	gtatcgcggt	cgacgggtgt	ccttcactca	atctcgtgta	gatgtatcgg	600
tggttagcac	aagatgcaga	gaatgctnct	attgtgaatn	ctttgactca	atggaaacat	660
tctctgtgtg	t					671

<210> 6661  
 <211> 707  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 6661	
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acatacatat	gttctgaccc
tgcgaccttc	cactccattg
gaccccttc	gagttccgct
ttacaacgcc	gttacgcaag
cctttcgcat	cctttcagcc
aaacgngaa	gtttgctttg
catactccgg	acgcccatta
aacggatgcg	ggcatctttc
gccgggcgct	tattccggca
caaacggttt	aataataggg
gaaattgact	cacctggggc
	cctttttcat
	ttcccacaag
	gggattt
	gatgggtaag
	gcagagaggc
	aaaaagcccc
	cctcctactt
	actcctcagt
	gcgtcacaag
	gttccagagc
	ccttgctcct
	ttttaccctt
	aaggtttcag
	actcctcgat
	attgcgaatt
	ttgacaagga
	gagagatcaa
	tagatcgatc
	cttcggcctt
	tgtttctaac
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	180
	240
	300
	360
	420
	480
	540
	600
	660
	707

<210> 6662  
 <211> 562  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(562)  
 <223> n = A,T,C or G

<400> 6662	
cggatttttt	gttgggagga
gatcatcaat	tttcgcccgc
acgaacctca	agggtggcag
ccccgtcgcg	ttcgggatcg
ctcagtttga	cgagggtgat
ctgctccccg	gagggactcg
cccgtgtgtc	caatactatg
ggatgcaccc	gaatcccaac
caaatagaat	agagcacatg
agctnecgaa	ctatcaccag
	ga
	ttttttttct
	ccccctgacca
	tctccgagcg
	gcccgtgaat
	atgtcttact
	cgccgccaggt
	atcttgggaa
	caacctgttc
	agctctgtct
	ctcaacgcga
	cgaagttcct
	gccttttcct
	cgtgctatcg
	acaaccttgt
	taagagcgga
	aagttgtggt
	tgatgggccc
	tccggtttcc
	gaatacgatc
	tagcgacttc
	gacggagcca
	ccagcgtttc
	cagggacgct
	ggcggcacag
	cgtgaaaggg
	562

<210> 6663  
 <211> 681  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

<400> 6663  
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aagatagtga aaagtcttct tcgcttgatt gatgctagta ctaagtacac attcgcgccg 120  
gtgcagggca ttatcgaacg ctgtcttttg attgcatcgc tctcggaaga agaaatccaa 180  
actcatagca agcagcttga gtaatcgatc atcattgccc ggcaagaatt cacgagatta 240  
gatgaaacgg gagaaaccag acgtcacatt tgatcccttc gaagtatacc cgatataata 300  
cccattcata atacccgagc cttttgcttt gtgcgattga tatttggtta cgactttgtt 360  
atttgtgatc atgaactgcg aacacatgta cattatatac ttgcatcggg ctgcctgtct 420  
gcctgtctgc ctgtcttttt atttttcatt tttcattttt gtgctgtttt ggtcgttaaa 480  
accttggggg attgttggtt tatgagtatt tgatctgata ttgggttcgg ccatgagnta 540  
cttctgcgag catttagcgt tgttgatatg ggattccaat gggtcgaaaa cattaaccgt 600  
caaacgcctt ttggttttga aaaataataa aaaaaatta ccggtggacg catgagcctg 660  
ctattatagg gctcgttaat g 681

<210> 6664

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 6664  
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gatcgggttga gaacgatgtg cgatgaggtc aagaaacgtg agagggagaa gttgaaggat 120  
gccgaaactc ttcggagcat tgtggacact gtctacttcc ctatattccc cttgctgtgg 180  
cctatttttg aaaaagctca aggacttgac ggcaagggca tcttcagaca ggggttggtc 240  
tcgatacgca ccaagctgga agagcgccgg tacacatccg tttctgcctt ctccgctgat 300  
cttgctcgcg tgttcacctc ggagattgga gtccagcccg ctggggacac cgccgagctt 360  
caaatgcaga tcagcggccg cgctccggag ctgagcctag agcaacgcga gaaacggaaa 420  
ctggccaagc gcattatcaa attcattcag cctgccttgg aggaagcgat caagaaagag 480  
agcgagttga atcgtaagcc cttcgaacag gagcttaagg agttggatct tatgctcgag 540  
aacagcgtta tgtcgcgaag gggctcacia gccgagctct tggcggctgg tgatgagggg 600  
canggaaaac gagaggttcc ncttgagaat gctgaanagg tcaatggaga tngtgaggtc 660  
anctgctagt cggagccctc tgatggcgn 689

<210> 6665

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 6665  
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acccatccac caatacccaa aatgaagttt caaacctctc gctccctcgc caccttaggc 120  
cttgcccttcg ccaacccaat ccaaaaccgc ggtcaagatt tcaccgactg cgtcacaggc 180  
gtcgtgaaga aaggcggtac ccaaggctgc gcaacccttc ccaaggcatg cggcgtgctg 240  
gacgagttca cagcatgtac taccgacgct actgcccaag tcaactgatat cacggatctt 300  
gaccagcgtc gctcagaatg gctggcgtct ttgaacagct gcggccagac cttatgggac 360  
gggctgaaga acgcgggagt ctcggaggtt gagttgaaca cactgcaagt atcattcttg 420  
gagatgacga gcgagagttt gactagctgc tccaagtctg cgtaggaata tttggtttga 480  
attgaggttg gtgttttgtt gtttactggt tgttggtctt tgtcaggggg aggagtggtg 540  
catgatgggt atgatgtttc tgatattcta ttgaagttat cctgtgtcgg gttttgggct 600  
acggctatct ttgtatactt agccttttgg cttactttgg atattatatt aatctactac 660  
atattattgtt cttcaaaaa aa 682

<210> 6666

<211> 662

<212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> n = A,T,C or G

<400> 6666  
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 agaaacccga tccagggact cggtagggca aaggaaatca tgagggtcatc tcacgacaac 180  
 caattcaatt tcaacgagca gttttgaact accacaaact agtactaaca cggtcgaaac 240  
 ccagggcaaa gggaaaaata aaccgaaagt gcgtccacc agtttccgat gaggtcacat 300  
 tgacagtcca aactcgaaaa gtaaaagaag aaatgaagaa ggcaaaaacg cagatcacac 360  
 caggaacgag aaacgatgca cagcaccac ccccgctcct cacagatggc gatgatcctc 420  
 aagcacaacc taaactaaac caaattcaag atgaagtcc gattagtagt caaccaaaaa 480  
 acactctggt acacaagttc cgatgacaaa gcaaattccg agtccttcct agctactccg 540  
 ggtaagatac tagatagtgc tcaaactcca catggaacac tccattcgat ccggagaacg 600  
 ccgagcccta acgttgtgta tgggaatcct gatatagagt ttggaacatt ggacttcca 660  
 tn 662

<210> 6667  
 <211> 792  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6667  
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 cgcgggatgt actaatatccc caatgatgac gggctaccag ttccaagatg aggacctgt 120  
 tagcctcgac caaacgacca tagcccttca gaacgtccag aagcgcgttg ctcacaaccc 180  
 cgaacactac cgtcggatcg gagaactcct tgaattcgta cgccatttca ggcgagatct 240  
 tctgtcctta actccggaac aggcctttga gcgcatgcag cccctgcgaa ggtggctcct 300  
 ttggtctccc ccggccatgc tccgaggtgg agacgcagac ctaggagccc tcgccatttt 360  
 ggctcaattc tttggtattg gcggtggttt ggatagtatt ttccctgacc taggaggcgc 420  
 atacctcggc ccgctatccg tcggccccc cgaagacatc tatcgaatca ttattactag 480  
 gagcatgtcg gagccgtaca acccagatct ccagttagcc tcgaccatta tgggaattacc 540  
 tcgacatata gtcgcccaat ataaaagccg ccttcagtgg tcgcgcggga cctccctcga 600  
 ctactgcgcg tctcccgoga gtccctacca ttctatgcaa gattacactc tggcgctcatc 660  
 atcctctcct tcctctaacg ctacatgcgc accttacacc ccgctgctcc agtctcccc 720  
 agccgtgacg atcgctagtt ctccattcga tgtaaatgga agctacgtca cagcaacaag 780  
 gcggccagag tc 792

<210> 6668  
 <211> 713  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 6668  
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 gacatacatt gtcacagggtg agcgtgatcc gctggaagat gacactgtaa tcttcgctgg 180  
 gagactgcga caagccaagc tacatcaatt ccgcgaaaga caaaagtggg ctcttgagaa 240  
 ttttcaccga acatttcaac gaaaaggacc acttggaagt gtaattactc ccaggcatct 300  
 ccaacggatt cctgcaaatg gcgggttttt tccccgacag ttggaaacac ataaccaagt 360

gccaacatg	aatccagaac	ttgtttgagg	ccgccgaaaag	acccaggtat	taatccagtt	420
ggttcaagcc	attcaagaac	agggcacatt	attaccaggt	ccgaaaatcg	gccccagta	480
ccggtagcca	caccattcac	agccaaagct	tgacggccaa	tatcgaagtg	agaaagatat	540
aacctttaga	gtaaagcttc	gacaggataa	caccgtagaa	cccagataat	ccacacacaa	600
agtcgcagtc	gaatgcgtgg	caccgtncaa	ccggacaagc	atgttatntt	caaaggttat	660
acgcgatggc	gggacattta	aaggcaaacg	gaagccaggg	gaaaatccat	ccg	713

<210> 6669

<211> 729

<212> DNA

<213> *Aspergillus oryzae*

<400> 6669

gcctattctc	ccccacacct	acgtccgacc	cgctctagccc	cgacgaagcg	gacaaaaggc	60
ccgccccttc	tctggctact	gtcgacatgc	cgcacctggc	gccgccgcac	ttccggctcg	120
acagcagtc	accggtactc	aacctgtccg	acgaggagag	ccagggcgaa	gagagcccgg	180
tatcgatatga	atcacgggga	tcatcttact	atgattcccc	aggttcgcact	gagagcagcg	240
agccgatttt	ggcgagcgac	ggcagtatgc	gacaagaagg	atgaacatgt	gcgaggtata	300
taacatcagc	cgctttggct	atcattattc	atattctatg	tgaccatacg	tgtatccgag	360
cattgttttg	ccacctatgt	cactgacgtc	actctggagg	aatagggtttt	aatcactaag	420
tgatcaattc	attccttggt	ggaacagctg	gcctgccgcc	ggtctgacag	atgtccggga	480
gacatggaaa	tcctcttctg	aggaatatgc	ctcttgaaagt	atgattgctt	ataggcatgg	540
gtaatggacg	ctcggaatga	tgggcactgg	taaccgagga	ggagagactg	aatatgggtg	600
catcataaga	caagatgggg	gtgtgtgtgt	atcggccgat	gggaggtgga	ctgtaacgac	660
gtagagactc	tagcgattag	cgaacatac	ttaacgatcc	ttgatgatgg	aacgatgcac	720
tggaccggc						729

<210> 6670

<211> 587

<212> DNA

<213> *Aspergillus oryzae*

<400> 6670

cctcgctccg	tcttatggca	gtgtgaacca	gtcaggataa	ggcggggaaa	agtcttcccc	60
cggtccctac	agccgcctgg	cgaaggatag	aaaaatacaa	acaaccctca	aacaaacaaa	120
aatggggcgc	agcgaccgag	acgccatggc	ttccaccatg	ggtgggtttct	ccatatcttt	180
tcctttgttc	attatctgga	ctctctgaat	tttttggtcc	cttgttctat	tcggggaact	240
tgaatggaat	acggtgcctt	tttccccagg	ttcttcggct	ttggttcaac	ttggactgcg	300
acgcctaaca	cacaccaggg	ttgcttatga	ttgcacacct	ggccagcgag	gtcgacagag	360
gcgatatcct	taatgcgcgc	tcgcgcgatc	gctatacaaa	aatgcaagga	gcagaactgc	420
gaaatactat	ctggcatttt	gtgattgcta	gttcagtggg	atcctgtgac	acttcagtgt	480
tgtcgcaaca	caagttagcc	caccccagta	ccgacgacac	agcacgaaga	aaaagatgat	540
gccgacccta	ctgggtggcaa	tcagttttccg	aacaccgcgc	ttgtttgc		587

<210> 6671

<211> 602

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(602)

<223> n = A,T,C or G

<400> 6671

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cttcacagtc	gaagtcgtca	tctatcaaaa	tgcaattccg	ctccgttatc	gcccttggtg	120
ctttcgctac	tgccgtcacc	gctgctccct	gtgacagctg	tgatgggtgg	aactctggcg	180
actctggtga	ctctggcaag	tgacgcccta	accaagaact	gaagtgtgc	accggtctca	240
cccaaggcct	gaacctcggc	atcctgccgg	ccctgtgtct	tcgtaagttt	tgaatcttga	300

taatttttat	gttcatctat	aatcccatat	tagctcttct	tgccaactgc	aacaaccagg	360
ccgcctgctg	cgaggccaat	ggaggactcc	tgaactgtct	caccatccag	ctctaagttc	420
atcgcatttc	accaccgcga	gtaacgatac	acgggcgatg	tccgggtggg	gagtgatgcg	480
cgactcggta	aatggatatg	tcttactacg	gttgggcggt	gacagtcttc	ttccagcatc	540
taggtgtaca	cggattgtcc	tangtccgag	gtgtggaaat	tgaaatatta	gattacatcg	600
ct						602

<210> 6672

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 6672

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ccttggtgtc	gggtttcggc	gaggccccc	agcgcaaggt	cagaggatgg	accaatgggtg	120
gcggtgtata	cgaggacttc	ctgcgcttag	cgacagcaaa	gagcggcaag	cgggatccca	180
ctaggttgaa	tcgcttagtg	aatgcgctgg	ttgcgatggg	tagtcagatc	agccaaggat	240
cgggcgtcga	gggattggag	gaacgtgtag	ctttcaagga	aatgagccgg	gcgattgcta	300
gctggacagc	gcacgaagat	agcaaggcgg	tcgagttttc	tagcgtgctc	agtttacctt	360
tgacgggcga	tgcgcgaaatc	atgcaaaccg	ccgaattgag	tcgacgggat	tacggtatca	420
tcattggcggg	tgccctattaa	gcgtcttttc	tccttctttt	cgtttatgcc	gcgtttcttt	480
acttgtcatc	cctgtaactt	agtgtanatt	cttccccctg	tacaatcctt	cttgggttcc	540
gcattctgca	gccctttcgt	ggtacttcat	gatttctgtg	tgggtaggta	ctttacgaca	600
gtgtgtcagt	atgtgaaatg	catctaataa	gtctccaaaa	aaaaaaaaan		649

<210> 6673

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<400> 6673

cggcacgagg	ccgcaacta	acaccatgag	cacatatcca	actgcatttt	gcgccgcca	60
agtcgtgggc	ttgactgggtg	ccgcctggct	ttctggcaaa	atcctctcct	tgagcacaat	120
cactgtgccc	gcgcttatac	aatcgacacg	cgaagataga	ttgccgctcg	acgctgctgt	180
caaattatgg	cggaacctgt	ataacagagg	caaaagccaa	gtcctctcta	tcgccgctgc	240
cacctccgca	gcgtttctct	attgtgcctg	ggccgttcgc	gctagtacga	cgctagcccc	300
gttggccccc	actcatagct	cttcttttga	ctgtgttgca	gcggctttga	cactgggtat	360
cgtaccatac	acccttggca	tgatgcttgg	taccaacaac	aaagttgatg	acctcgccaa	420
ctcgggtcgg	gtggtagatg	agaagtcgag	cgtggaaagtc	gagtcattgt	tgtcccggtg	480
gctgaagctc	aacgccggtc	ggggattgtt	accgctgggtg	ggtggccttg	ttgctcttac	540
tgcagctatt	ccttggccac	tggagatgat	ttaatttcgg	gccctcgctt	tggctttggg	600
cttcttttgg	ggggatttgc	aatcgcgctg	catgatagta	gaattgggtg	tcggtgggac	660
tcttggcgtg	gtttgcatgc	tt				682

<210> 6674

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<400> 6674

caaacttgga	gattgattga	tgcgtcgatc	ttactactgt	attatcgacg	tctaataaac	60
ttattgtcgc	tccatagttc	taattaataa	cagaagtacg	gagtaactga	agttctatca	120
atctccctac	atcgttttga	ctggccttct	ctcttcggat	tatcgctcct	tccttcgata	180
ccctcacaca	ttctcttttg	actacctagg	ctgtcaatgg	atattcctca	agtgcagatt	240
tccgggcttg	ataactctca	tggctcctgg	gacgcgcaaa	aagcggaaac	gcgcgatgtg	300



gacatggatt	cgagtcaaca	cgcagcagca	acgaatgatt	ctataacaca	agaagtaccc	360
ctatctagt	caacaacaga	gctagaacag	acatccatgg	aagaagtggc	gcctccgaaa	420
agaaaccctg	gacttcagtt	tctttgaata	cttgacgtcg	cctattgtgg	aacttactat	480
aggaaatgga	gaaaccaaga	ccaccttaac	cgctcaccca	agactacttc	ttggaatcgc	540
ccttccttgc	tggaggagat	tcaaaatttg	aatagttcgg	ggcctctcca	catttgagct	600
ttcttgatga	aaagtaaaag	gccttttggc	tcttttctgc	agttccaatt	aaaccggcga	660
ctttagaaag	ttctctaaac	gatgccctca	atggacag			698

<210> 6675  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 6675	
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gacttgcccg	gcgtcctcaa
cctcagcccg	agcctgttcc
ggtctcgtcc	gtaagcccg
ctcctttacg	ccggtatgcc
gtcatgtctc	ttctttgggt
atgggttctca	tgcttaccgc
atcaccaccc	gtgccggcaa
gggttctcgtt	tcggttggtgc
aaggggtctga	gcccccgtag
ggcattgggtc	accgtgtcaa
gagttcgcca	agaagcactt
cn	

<210> 6676  
 <211> 728  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6676	
caacaacaat	caccctccca
catctactac	cactactttc
tcttccccat	tcttggtttca
gggtaaaaag	gctatccagt
tctccacgct	gccggctatg
tttgcaacag	accccgctcg
gaccatcacc	aactatcgcg
gatcgcatcg	gcagatgtgg
gccagtcatt	gccaaaggta
ctgtgagaac	gctatcggcg
ccctgaccgt	ctggagaccc
catcggtccc	aaccagcccc
gtggggccg	

<210> 6677  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(669)

<223> n = A,T,C or G

<400> 6677

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tctggcgtga	cagcgccccc	aggccctcat	ggagaaagga	ttgagaggat	tgatagaact	180
gtgttggaac	gtgcattgcc	aaatgctccc	gatggatatg	taccgtccaa	cgtcagttgt	240
cctgcgaatc	gcccgcgggt	gcgtagcgca	tcattccgggc	tctcgagcaa	tgagacctcg	300
tggttgaaaa	cccgacggga	gaagactcaa	tctgccatga	aagatttctt	caacctatgc	360
acgattaagg	actttgatgc	tgtccaatat	ctcgacaacc	actcgagtaa	cacgtccaat	420
cttcccaata	ttggtattgc	ggtgtctggt	ggagggtatc	gcgccctgat	gaacggtgcc	480
ggagcgatca	aagcgtttga	tagccgaacg	gagaactcta	cngcgacggg	acagttgggt	540
ggtctgtctac	aatcggcgac	atatcttgct	ggtcttaatg	ggggtggatt	ggttgggggg	600
tccatctata	taacaatttt	accaccattt	ancacttgta	aaccattaag	aatgtgttgt	660
ctggcattt						669

<210> 6678

<211> 228

<212> DNA

<213> *Aspergillus oryzae*

<400> 6678

aaccgagaag	caagaggagg	ctgcgaagaa	gaagacagcc	cggactagca	ccacgacggc	60
ggccatccta	acacgaggtg	gtggcgagtc	cggcgacgcc	taggagtagg	ctggtttagt	120
gaattagagc	tacacgcctc	ttggtgacgt	cctacacacg	tttttccttt	ataatatcgg	180
agatcttgcc	gaagcgactt	tacgacaata	aagaactctt	tccccgtc		228

<210> 6679

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(669)

<223> n = A,T,C or G

<400> 6679

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ccgtgctttg	gattgaacac	cgaggcagcc	agctaccaaa	gcgtcgaaga	caagaattcg	120
tgcaaagggg	acgcagggtt	gaactgatgg	ggtcctccgt	ctcacaatgc	cgatagggtc	180
gcgtcaaaat	ggcagaagcc	acaggcaagt	tcacctccag	catcgcgagt	ggtttttcca	240
gcttctctcg	ggagctccac	cagacacact	ctccttctcg	atgtcaatga	agaaaccttc	300
cgcgttacgg	gaaggcagtc	aaaggctgca	ggatcgaatt	cccgcacctt	gtacctcagg	360
ttgttcttcc	acggnccaca	nagatgagta	gcagacaagt	acagtaattg	tagttctggg	420
gtttgtcttg	tacctcgttc	cggttcagtt	agaatggggc	agatatacat	caannnnnan	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnaaa	annnnntnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
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<210> 6680

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<400> 6680

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tgattctgac	ggtgaacctg	gatacatctc	ctgaggaggg	ccgagaagtg	gccccatgcta	180

cgagtgccgt	catgtatcct	aatacggggg	cgtccttccg	tcgcaagcac	tcggcgggtga	240
cctggaagtt	gcctgagttc	gaagttacag	ctggatctga	cggcaagctg	ctggttcgat	300
tctcaacggc	aactagttgg	ccaagaaaag	ggaaggctga	ggcaaaattc	gaggtccata	360
ctcttgatgc	tggtctcgca	ctgggaatca	gtgccgcgtc	gccaacggag	gagattacgc	420
caaagggatc	tgatcctttt	gcggaacgaag	actccggcgc	acctgacgat	gctcaaccct	480
ccctaacatg	gaaagaagtc	cctactactc	gcaagctggg	tggaggtaaa	tatgtctcat	540
cttagcagac	tggttgctga	cattagagcc	gatggctcct	aatgaggacc	tcagtgtcac	600
gagaacagca	cctttccttt	gcaccttcta	cgaacaaatg	atgaccacag	cccgcccgac	660
cggttccagt	ttcgagatac	caccg				685

<210> 6681

<211> 652

<212> DNA

<213> *Aspergillus oryzae*

<400> 6681

tccctcggcg	aatattttgt	gcttagcgaa	ccaacgcttg	gcatactcga	taatccagta	60
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cgaactccgt	ctcattacaa	caaacgatat	ctaccatggc	cagcgtatca	catactcacc	180
cgcacgggga	tctacgcgat	gacgaatcaa	ttcttgatga	tgatgttatt	gaagccgatg	240
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ttcaagccga	ggcatcgagc	tctcgaggcg	gaaatctttc	cggcaattat	ctgacctctt	360
caatcccccg	cgaggaccgc	cgcgccgctc	agaacacccat	cgatgaaacg	gtctgggaaa	420
cgggtgctcg	cgacctactg	gcaatctggg	agaagatgcg	ccaggttctg	tggcccaaat	480
acctgatggg	tgggatgctg	caccgggggtg	gaggaagcat	ttgcggtgcc	gcccaacgaa	540
gaaaagccac	tgggtttggt	agcgggtggtg	gtctgaagaa	tctcgtgggc	cgctggcccg	600
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<210> 6682

<211> 670

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(670)

<223> n = A,T,C or G

<400> 6682

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tcaagctatc	ccgtacctcg	aacatggcgc	atacaacagc	agtagtcgct	cctttctcct	180
ctgtctgctt	ttcaacagga	aaaacgtccg	gatatttact	aattttaatta	gtctgcacag	240
attccgcaac	atgtcacctc	tctcctttcg	catctaacat	cgcgcccccg	agttcagtc	300
actttcatcc	tttcccgcaa	agatgggacc	ataattcaga	gcagtgggct	gctagcgacg	360
agaccagcgg	gcaacagtag	tccaaatgtc	tctcaggtcg	actcagctgc	cgaggaacaa	420
tcggtagaga	gtatgacacc	tgccgaatca	ccccaccctt	caacaccgtc	tagcgccact	480
actcctaacc	gtcagacctc	ctatcaaccg	tcccaagcag	aagcgctagc	agctcgcat	540
tttgcttttt	gttccagcgc	gtcngatcta	agtttgctgc	tctcgcgacc	cctggacaaa	600
aacgcccacg	ggttttcaaaa	cagactcgaa	cggctttacaa	gaaaggctng	ggcacggaac	660
atcaccggan						670

<210> 6683

<211> 254

<212> DNA

<213> *Aspergillus oryzae*

<400> 6683

ctatgggttg	ggatgtatcc	acttgctcca	agaagtttga	ccgtcttgcg	cggcgtattt	60
ttcgcgagcg	ccgacaaccc	gctatatcgt	ggctacttcg	cttgattctc	cgtcgcgatt	120

ctctcttagg	cgacattccc	aagtgggttat	catgggttttt	ccatgacagc	tgctatgatg	180
cgaggctatt	cgacgactgc	ttacaggagg	cattcggtgg	agacaggcgt	atttttgagc	240
cagtcaaaga	taag					254

<210> 6684  
 <211> 655  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6684	
ggcacgcacc	60
gtctattgca	120
tttaagtctc	180
aatccttgtc	240
ttttacacct	300
cattggaaga	360
gacggtgacc	420
ttgggtgtgc	480
gacgatgtga	540
catgccgcat	600
aagattcaaa	655

<210> 6685  
 <211> 865  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6685	
cgaaacagat	60
tctccgacac	120
ccgccaggcc	180
aaaggctaac	240
aatcgattgc	300
ctatgtaatc	360
tcttggaagtc	420
acggcacaaa	480
gatcaatctg	540
gaacgggatt	600
ctactagtgc	660
acctagcttg	720
gggatctcgg	780
tatatgccat	840
ttctacttgc	865

<210> 6686  
 <211> 716  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)... (716)  
 <223> n = A,T,C or G

<400> 6686	
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cttcatgttc	120
acgaccaacc	180
cgctctatta	240
caagactcac	300

cagattgcgg	aagatccaga	ttaccatccg	cccatccccg	gtatccatgg	ccaaaacccg	360
atattccatc	atgtccccga	caacagtcct	cctgaaaagg	ttcactcgac	gaagcccgat	420
gcaacacatt	tacaaacgca	tgggtttcat	ggagagtttc	tacacggact	gaatgcacga	480
cgccctccc	ttctgaacgg	tgctgccacc	gacgttctcc	gggagccatg	cgtatggcag	540
ctggcatcag	tgttgcgt	gattgttgct	attttacacg	ccgggaagag	tcttcgaaag	600
cgacgtaata	gtgtaagggc	cgcttcatca	cctgcacaa	ctcagcctat	tgctccagct	660
cttgatgaaa	aagactagtt	tgagctgaga	catggcgcan	nacgagtgcg	cgccca	716

<210> 6687  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = A,T,C or G

<400> 6687	
atcagtgcga	tacgcacgag gctctgttac agcccaaggc ttatcgctgc aacaacaaca 60
acagcagcat	cagcaattcc acacccttc gactatcagt gatacctccc gtcattgtctc 120
cccgtgctca	tcaaccattc cccgatgcct aatatatagc tgcctccgtc gccccatcac 180
gcgtgaacac	atgggacctt cgggatatt gcttgcaaca gcccgctgta gattgcgagc 240
tttcacaaac	aggtgtatct caaatggccg gggcccatct tctggatgga atgccaacg 300
cattaatgac	gctagataat cccggctcgt atgagattac gccggaggtc tttgaagcat 360
tttcatatgc	tgagcctatt acgactaata tgactcctgg atgacagcca caaggacggt 420
gcggaatgag	tcaagagtag cggcaagcga ggattggaca taatgcaggg acaggagctg 480
tccgcgaacg	gagctatcct ggggtggccaa tacctataga agaagtatga ccatttgact 540
aagactgtgg	tggaggagac aaaacatgac ttaggtggc ataggtggaa tctctaactt 600
ctaacggata	cacatacata gaagcgggta ttggacaaat aaccctctca ggaccctgat 660
ntctgcgacg	gttcgaacgt catgtgtaga gtgccn 696

<210> 6688  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 6688	
gactctggat	cggtccaact gccccgggtc accaaaagca ttttgaaagc aacatccacg 60
cgagtagttg	gcaatacacg ctggatactt ttgaggcggc acgaaccaga ggtatggaaa 120
ctttgggaat	gtacaatgca acgctacaag cagatagctg ggatggatg cactatgggtg 180
agaaggaggc	attgattcag gcaatgatgg tcattaactg gttggcgatg ctctaaacgg 240
tgggactgga	tcataatggt atagacgtga tgcggcatgc tagatgacat gtcaaggaca 300
catgacttct	ggtttccatt ctgttttgta tatggcgtgg tgaggatgc aatacctttc 360
cctctacggg	ttcaacttcc ttgaagtcct gcttcaggat ccttctcttc ctggtgacca 420
tattgctaaa	ccatcttcac agttttacata aatttttcat cataaacgag attgacgcat 480
ttaacgacaa	cttcatttct gcatgcttgt tgcacacag cgctacttct ctntcttttg 540
attcccaaca	tgtgttttca aataagttcg aacagaanaa ttgatagaaa agaaagacca 600
gaccacact	tcataatgag tcctacatgt atgttgcaga tgcaacaatg nnnccccatt 660
atgaatccca	ccnaaaaaaa aaa 683

<210> 6689  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6689  
ccgctgtgtc gatcacttgc caatagagtg tgagggagcg agtcattatc ctatcctttc 60  
ctgggtcaacc gatccggaat ttgtcagaac gccccaggat ctacccgagt ctttgtcttc 120  
tccgcattgc ctcatcagtc aggctgagac tggctgcgac acttcacccg ccgattcgcg 180  
acatatcacc ttctcattcc gggcgacccc tcttacctca aaatgccgaa cccatcgag 240  
ctctttctcc ttgcagacca tatcaaaactc tctctcttag aacgacaacg agcgatctca 300  
ttggatttgg aacccaacag ccaagacgga gagatctctc gctctttgga atcggtgcac 360  
gacggcatcg aggatgtgga gagagacctc tctcagttgg agcggaccaa cgatgatggc 420  
gccgcccagc tgaaagatca gctattccat ctgaaatcgc agtatcaaga tttgtcgtct 480  
cagttcagcg gacacagcac ctccagccggc gccagcggct cctctccatc gcctgaattc 540  
gccaatgtca aatcgctctc tgacctcaaa caaccagtcg cgcagacccc tcttcaaaag 600  
tcagttcggg ttatgaactc ggctactgaa gaagccgatc tcgagcgaca aaaccttttc 660  
cagccat 667

<210> 6690

<211> 695

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 6690  
gggagacatt tacacacttt tgacatggac acagtaagct caaccgaaat aatcaatcat 60  
caacatgatc aattggtata tcgagtcac ctaaccactg ccaaggctgg tttcaaagcg 120  
tctgtcaaca agtgccatga aaacagttgg cctcgggaat ctgaaataga acaagccata 180  
atggaagaca aaaagcaaaa gaccccaccc atgctttatg atgcaccctc ttaacaacg 240  
ccggtcctgc ccaaaatcac gataaacaac aaaacaagat cgatcatgacc gttccatata 300  
tcttttagat aaaagcgaac gggatatctc catacagtga gctaagaaaa aagcaggtgg 360  
taaggaatga tggagtagtg tgcaaggtgc angggtgtgg agtatcgggg aatgacttca 420  
aggtanggag acgtaaggaa tcccggtcac gttcacgcag tgaacacccg gtctaattgt 480  
cggagggccc gcatgtcctc tcctncgaat ccaatcttct cgctggggat atcgcggtgg 540  
ccttcggctc gtcccgatga tggcgcggtg atcgccggca aagagccact agctggcggtg 600  
ccgttcatca gagcctcaat gctgggcacg gntgtgccaa agctngctgg gtcttggcgg 660  
tttaatggta gtggcttgga agaaagatgt gtccn 695

<210> 6691

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 6691  
cgagagccaa acagaccgat ctcatcacc agaaagcagg gcatacggtc atgctcgtga 60  
tggggttgac agagaagcta ttaccaatca gatgggtgag ctgcgtaacg catacacaga 120  
gtcctatcaa cctttcgggc agggctcttc ccagccggaa tctggtttgg gtgcgctcgc 180  
tactggtgat cctttttctc cctaccacc aacagcatat ggtggcttag agtctagcta 240  
tggtgattat ggcactagtc ctggaacagc tgetggtcct cgtattcacc agtctcctgc 300  
agattgggag ggccgcttcc agggactgtc tctaggttct tgaggctgac cctataccct 360  
gctattcgca tagtggtgtc gtatgagctt gagaagaaga gtgttcgatt atggaaacag 420  
tctagcctga tgatgccttt acatcctttc agtcttctcc agagtgttac attgttgaga 480  
ccaaagcctc acctgttgca tacgttcatt cctctatggg gcttagttga cagaacgana 540  
taacgtaaga caactggctg ttatgccatt cgttccactt ttttttttta tacaccctt 600

ttccccagq tcacaaatgc tttctttcaa ccagaacttg actaaattct catcg 655

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<210> 6692
<211> 627
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(627)
<223> n = A,T,C or G
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<400>	6692						
cgcattttca	tcgttctaaa	cgatcaaaaa	tggttttcgc	tcgtgctaata	ctccttcgcg		60
catctgtctg	cgctgtcaga	gctgcattct	gtagacctgc	gcagcaagtc	gctcgccgca		120
catacgccct	cgagtcatca	cacagtgtcc	agaaatccag	tgacctgcc	tgttactag		180
gatcggtcgg	cctaggcgta	cgggtgcctt	attacttgtt	ctcctccggt	cggtaaaga		240
agccccacgg	cggccacggc	gaccaccatg	aggcctgtaa	agaaacagag	aagaaagagg		300
aacaggcccc	tgcgggagaa	tccgagcccc	aaccgatcg	ggacgcggag	cagaaggctg		360
acactgaggc	ttcttcatct	tcatctggcg	agaagggtgg	atcatttggg	gagccgccat		420
ctaattggtga	tgaggctact	gcccgcggcg	gaaccggagg	accagctact	atctctggca		480
agcaggaggg	cgtctacaat	gccgacactt	ncaaccgcta	tgtgaatgag	ccgggaaaga		540
gccactatgg	cgagggaaga	accgagactg	ctaattgtaa	gggcaactgt	gatcccgcac		600
qccccaagqc	ctaqaaaacq	qcattct					627

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<210> 6693
<211> 853
<212> DNA
<213> Aspergillus oryzae
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[illegible]

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<210> 6694
<211> 646
<212> DNA
<213> Aspergillus oryzae
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<400>	6694						
cagacgaagt	ctatccgggt	acaaactaac	catcaatgtt	gcccttaccg	atgcaaacct		60
ccgcaaaagc	tccgccaatg	ccgaggccat	tgaaagctac	aaggctctca	tagagacgac		120
caaagctgat	cttgaggccc	acctggaagc	catcgacgac	aagctgcagc	tcattgtggg		180
gcaaaccgtg	accgcagaag	actcagatgc	cctggaactg	cggcgaatca	aggaagagcg		240
cctgagcaca	gtgaaatgtc	ttcaaatatg	taaccagtta	tccgaccata	ttgctcagat		300
ccagctctca	accaagagca	atgacacttc	cgggggatac	tcgggttccg	atgtttaccc		360
agaaagatgc	accqacqaga	qctttqcaqqa	ctgtaaaact	aaactcgcgc	acacqatcac		420

ccaattggaa	aagcatatgc	aagccctgac	ggaccgatta	ctagtcaagt	cgaaagcagc	480
tatgacgtct	gagcaagaca	ttttggacct	gaaaaggcta	caggatgagt	ggcaaacgcc	540
caacagtgc	tggacatctg	ctccaaaggc	gatacccgcc	taaaggaaat	atcagcaata	600
tccataacta	cggcacgggg	gagccttgca	attcatgggt	tccaca		646

<210> 6695  
 <211> 665  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

<400> 6695	
cctctcctgc	gatcactatt
ccgaagttga	acgggcaatg
ttatcagatc	tctctcctgc
caccgagtca	cttcggcggc
attgctggaga	tgtccaaagt
tccgtatgga	ttttgaagct
tccctctgct	agctgaacac
tgctttttta	cgcgatgggt
ggactctgtg	tctatgcgat
acggtgacac	actctgtaac
ttgtgtggag	acgaatacac
cccc	

<210> 6696  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6696	
ggaaaacgct	gcccgtgggg
tgcttggcaa	gggggtagg
atacaccgag	ggacatacgg
gcgcgtgttg	catgtggtca
attttaatga	aggcgagcac
ataccacaaa	catcatctcc
tttttcttcg	tgcatgaaag
tatttcctac	actgtcatct
ccttattttc	ttttcctcta
gggctctggt	gtggaacatc
ggcgacacaa	aagagcagga
ggttcgcgtt	t

<210> 6697  
 <211> 255  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(255)  
 <223> n = A,T,C or G

<400> 6697	
tctccattcg	ttccatcatt
attcgggtgac	ctcagtaacc
atgagggctcg	ctacttcggt



tgcattcgcc	tctctcctgg	ccatggccca	ggcccatccc	tcgggcccct	ggtggggcac	120
ggatgattgc	tatactagcc	cggataatac	caataatgaa	tgctctgacg	agatgcgggg	180
tggattcaac	tgggctggcc	tcgccgtcgg	ttcttttgac	ttcttcgcgcg	gcttcgaatt	240
ctctgggttc	tcttn					255

<210> 6698

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 6698

catccctttt	cccaccgtgc	cctatccacg	gatggagcct	ccggcccacc	gcgagaagaa	60
gatgaaagtc	ctggcattag	gcatgtcccg	cactgggacc	atgtctcttt	acgtcgcgct	120
caaggaacta	ggatacacgt	gctaccacat	ggcgaatgt	aatcttgatc	agcagaataa	180
ttcattatct	ctttggaacc	gtgccattga	cgcgatattc	aacggaatcg	gtcgcaaatt	240
cgcaggtgcc	gactttgacc	agatgctttg	gcgctatgat	gtggcttctt	acctcggccc	300
gatgcacgta	ttattctgac	caccgcgcc	gttgagccat	ggttggcctc	catgcagcgc	360
accttctatg	ccattctgag	ttggaaacgg	tggggaattt	tggagtcat	tgatcctgta	420
ctggcgcccg	cccctcattt	gtttccctgc	tagcatggtc	cacaagacta	acattgcccc	480
atacatccca	attctacggc	cagcaccgtc	tgtgtggact	aaaggaaact	ggcgagacgc	540
ttgccgtcta	cggaatggct	tcgctgccca	ttatgacctg	gttcgcatcg	ctgaaaaaag	600
gcgaggccgc	gaaggtctgg	agtttaaagg	ccaggatggg	tggggccccc	tttgccagtt	660
tcttgtaaa						669

<210> 6699

<211> 459

<212> DNA

<213> *Aspergillus oryzae*

<400> 6699

aaacccaaag	aatattttctg	gatttttggtt	cacatgactt	ccgtttaaca	aagccccccc	60
ctccaaatgg	gggttttgaa	aaatttcccc	aaaaagggtt	cccacccgga	aaattattct	120
acccttttct	tgatttcccc	atgagtccca	tcctgtcccc	gtccctgtcc	ctggagctga	180
acctattaat	tgggccccct	gggtttttta	tgattccatg	ccgggagtaa	tcattgtcaac	240
tttttccccg	ttcaaagttt	ggggcccccc	aaaatcccc	gtgggcttgg	gaataaacc	300
ttcccaaccg	gtaaagtcca	ggggagtccc	cctccccgtt	tgattttaact	gggaaaaaaa	360
ccccttttta	aatgccccga	atgggcgggc	ccccatactc	atgtttactg	ggcttctaata	420
tttaaaaaag	ggttttgatt	gttgatgggt	ggttttggtt			459

<210> 6700

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 6700

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acggtcgaaa	ggaaggctcc	tgaagagtat	gcgaagtatg	ttgggggaata	tgagaagcta	180
tatatcagtc	tcatcctgcc	tttggtttac	caaaacaccc	ggtccattac	atacagccct	240
agcagcacaa	cagaaggcta	tctcgacgtc	gacttgtctg	ctcccgtgcc	tatggtggaa	300
cgatatacaca	atactacacc	tggatcctac	tacggcgaca	ccgactttta	caactatgac	360
agcagcgtct	ctttcaactc	tcattgtctac	ccagttagtc	gcttcgccaa	tgaattcgga	420
taccacagca	tgcttagcct	gcaaacctgg	cagcaagccg	ttgaccccca	agacctccat	480
ttcaacagca	ccactgtcat	gctccggaat	caccactacc	caaccggcgg	taccttcacc	540
gacaacttcc	acaatacatc	tctatgcatg	ggcgaaatga	caatcgcagt	gcagcggtag	600

tacctatttc ccaacanact gtactccgtc gccaaacttta acgcctgggtg tgacgccaac	660
caaactt	667

<210> 6701  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6701	
cttgctcgtt atcttcgagg tcatgttctt cctcgagggt tggctcttggc ctatgtgtgt	60
gttgggtatg atctcggcgg ctgcaatcca gcgtttcgtc tacaaactta tcatctcact	120
tgcccttgacc cgtgagttca agcatgatca atccaacatc gcctgatgga ctggaaagtg	180
gtacagcatg ggctggcact cattttccca gccgggtcgt gaattcctgt gcaagatcac	240
cgagctcggc tatttcgctg ccgacttcgt ccttggccat ctgcttcttt tcatcatgct	300
gcctgtctct tgtgttccct acattgacaa gtttcaactc gtcattcttt tctggctgcg	360
cccaagtcgt caaattcggc ctccgatcta ctctttgaag cagtctaagc tccgcaagag	420
aagagtgggc cgtttcgcaa tcctctactt tgcgatgttg ctccctcttc tcattcttct	480
gatcgcggcg ctggctgttc gcaaactgaa catcaatctg accaacattt caatgaacct	540
cttacaaccc cttgacgaga aacacaacaa caccatttt acagtattac cggcaatgga	600
cttcccaggg gctcagcggg atcccgcgtc ggtctagctt ccgtacaact aacgaacaat	660
ggttctgaat tcccc	675

<210> 6702  
 <211> 597  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6702	
tccttcatca agaaattccg caagcacccc aacttcgtcc tccccgatcg ttcggacgtc	60
accatgactg tgcccttcat ggatgcctat gtgagactgt tgatcaagac ctgccaccgt	120
cgtgggtgtc acgctatggg tggatggcc gctcagatcc ccatcaagga caaccaggct	180
gccaacgaca aggccatgga gagtgtgcgc gccgacaagc tgcgtgaggt tctgtctggt	240
cacgacggtg cctgggtggc tcaccgggt ctgcgcgca tgcctccga ggtattcaac	300
aagcacatgc ccaagcccaa ccagctcttc atccgcgcgc aggacacca tgttaccgcc	360
aatgatctct tgaacaccaa cgtgcccggc aagatcacgc aggagggtat ccggaagaac	420
ttgaacatcg gtctctcgta catggaaggc tggctccgtg gagtccgatg cattccgatc	480
aactaccta tggaggacgc tgccaccgcc gaagtgtctc gcagtcaact cttgcaatgg	540
acctaccacg gcgtcaccac ggccgagggc aagaaagtcg acaaggcata tgctctg	597

<210> 6703  
 <211> 707  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 6703	
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cgtcccctcg ggtctagaca cccttggaag attatctgca cagtcacttt gcggagcctc	120
aggtagttcc aggtatacaa tatggttgtc gccactatca agtgtgttgt cgtcggtgac	180
ggtgctgtgg gcaaaacatg tctcctgatt tcgtacacaa caaacaagtt cccctcggaa	240
tatgttcccta ccgttttcga taactatgct gtcactgtca tgattggcga tgaaccgtac	300
actctggggc ttttcgatac tgcgtggtcag gaagattatg accgtcttcg tccccttca	360
taccccaga ccgacggttt cttggctcgc ttctccgtga catccccgc ttccttcgag	420
aacgtgcgcg aanaatgggt ccccggaagt cattcacatt gccctgggtg cccctgtcta	480
atcgtgggca cccaaactga tttgcgcgac gattctgctg tgcccgaata gctttctccg	540
gaagaagatg cagcccatth cgtaaggaag atggagaccg gatgggcaat gaattggggc	600

gcgtcaaata	tgtccaatgc	tccgctctga	cccaatatata	actcaaggat	gtcttttgacg	660
aggcaaagt	tgccgcctc	gagcctggtc	ctaaagaagt	caaagag		707

<210> 6704  
 <211> 1273  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6704						
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tgatcacgcc	cctcgttcaa	ccacatctcc	ccattcgccg	tcttctgaat	ccaagtgttc	180
aacctatctt	ctaccgcttc	cctctgggtc	aattctcaga	cgaccgagcg	acatctcttt	240
tattcgagtc	gcaactgggt	tcattccgtc	taacatcgca	ttattcccag	acctttgaga	300
atccctatct	gccaccgcca	tcattgggtc	cacctctctc	aagttgttcg	accgcctatg	360
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tctgtataag	ctgaagtggg	gtgaaattgt	caccaccatc	cccacaatcg	gtttcaacgt	480
cgagactgtc	gaatacaaga	acattcagtt	taccgtgtgg	gatgtcgggtg	gtcaggacaa	540
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<210> 6705  
 <211> 621  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(621)  
 <223> n = A,T,C or G

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tacaaagcca	tagcacactc	tcgacatgcg	catatgacgt	tttgccatct	ctattcttca	180
gggaaaaatt	aatccccctc	acaagccctt	acgtataaaa	gtgaacgcgc	tcagctgaat	240
cgattgcctc	ggggaggctg	gaacgggtga	gcagcctcgt	attttccttt	ctccagcacc	300
cggctctgct	cggattcggt	ctcgtgacga	gttggggcag	gatcgtgggt	ggcctctgcg	360
cttgggtgag	ctacatcgtc	tgctgcgctc	tggaactgcg	ccatgttggt	ccgtttcaag	420
ctaggggatt	cggacggggt	cgggactttc	tcgttgtaag	tcgactggcg	tcggtactcg	480
gcttccatct	gcgcgagctt	cgatttgccg	ttgttctctg	cttcatatcg	agcagctcgg	540
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ccccagccta	cccaggtaga	t				621

<210> 6706  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6706  
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tgggcgacgc tgccttctcg tccaccgctc ctggatcgac tacagcagag ctgcgcaaac 180  
atgccccttt cgagcagcga gcgaatgtgc ctgggacgtt cccagcgacc ccaggatcgg 240  
aagttgagca gttctctgtg aatcctatcc ctgcctcgag tggcctgggc aacccaatca 300  
agctaaagcc aggagagaag gtgcctgacc cgagcacatt caataccaac acaatccact 360  
ctacagcccg gacagatcaa gccggatacg aagcgaatgc cagccatcca ttgactggga 420  
gccaatctaa agacaccagc gcatttgctg ttccccagc ctgaataat atgatccctg 480  
aatctagcct ttccatgggc caagccagtc agggttctta cgaccctgcc actattcagt 540  
ccgcagcggc cacatctact actggagctc ttgccgggtg tgttccttt gaatctcaca 600  
aaagacacac cgaatgagg gtttggggcc cctgcgggtg atgtttccgg aagaggtgaa 660  
ggcctctatg ttctagg 677

<210> 6707

<211> 681

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(681)

<223> n = A,T,C or G

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gggaaccatc caactgaacc tttatcaata atcgcgacga attaacgcca ctgcgctcga 180  
acgagctata cccgactttc aatcgcgctt gacaatttct tcgctctaaa ttatcctttc 240  
aactcgagtt gttttacttg tgtttgtcaa gatggacgtc gacttataaa ccatccatct 300  
tgtcgttctt tctcgatcgc aacgctttcc attctccgc aattaagcgt ttcagttttg 360  
tgcatttttc agctatcttg cctcttcagc cctcacctat ctagggtgaa ttaccctgtc 420  
tacaacatcc ttaacgagga tcttgcatca tctcgaccgc tcatggcgcc caaccttttc 480  
ctctgectcc gaactgtctt ctgccccacg tactggtttc aacgtggaga gcgcatccag 540  
ggttccatcc ataaagcaga acaactgggaa tctcctgtcc caggcatcta caaatacatt 600  
cccggtcgtg ggtggcacct tgtctacaag gatggcaatg agtacgacga anaagtttct 660  
gtcccacttg tttactgccg g 681

<210> 6708

<211> 303

<212> DNA

<213> *Aspergillus oryzae*

<400> 6708  
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cccagtaacc ggctcccacc cggcagttct atccccctt gacgtcaacc taccaggata 120  
tcccagcctc gggataccca gatccttcgg taaatggcaa catggcaatg ccgtggccgg 180  
tgcaggggtt cttcgtgccg gagttgggaa tgcaggtggg gtttgagccg gagaacctgt 240  
atgcgtgga gaatatgttg ggagacgggt tcttcaacct gcctctcca acggagggga 300  
gcg 303

<210> 6709

<211> 434

<212> DNA

<213> *Aspergillus oryzae*

<400> 6709  
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ggcgggtgtg ctgggctgct acgagagact catgtgatga tgaatgattt tcctgcgagg 120  
gctacggatt gattgtttga ttcttttgtt gttattcaag cacagtggcg tcacggctta 180



ttcatttggc	ttgcagatta	tccctgaata	tcccctccac	ccatttccaa	aactgcccga	540
cacaccttga	tccggcaact	gctacacacg	tagcaaagca	aatccctatc	cctcttcata	600
ttccccaaagt	ctttcccat	tcagcgccac	attatctect	tatcaatccc	gtctctggcg	660
gatcagtggg	tgaagaggta	aat				683

<210> 6713

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 6713

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ccattttctt	gcagacaatg	atgaacctca	ccgctccctt	gggcattgat	accctcgacg	120
acaactctct	cacaaatctt	gccaaccccg	acgtgcttct	cactcgtgcc	ggcgattcca	180
gcagtcgtat	tcaggttcaa	gaccagatcc	gcaagggtga	tgaatcaggc	accccgcttc	240
agtacatcta	tgaagacgct	gactgccgta	tcttctacac	caccaagatg	ctgctcgaac	300
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attccgcca	gaaatcatcc	agtattagcg	gcggatataa	gccgtttggt	cctgggtatc	420
ttaacggtaa	gcagtcggag	aatagcacct	cctcgtcgtc	cgacaaggat	aaggagaatg	480
ctgcccctgc	ttggagaccc	agccttgcta	tctgtgccgc	ggctacagtt	atcagcttcc	540
ttcttttagat	tgttttcttt	tacggttttt	taacgaccaa	atgtgtccaa	catttttgag	600
ttttgtgcat	gatgatacct	atatactacg	atgaatatct	tgtgaactta	ccttttagaca	660
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<210> 6714

<211> 743

<212> DNA

<213> *Aspergillus oryzae*

<400> 6714

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gtgtacaggc	cggtgtttta	cagaaatggt	gtcccttgcc	tgctcagggc	tgctacatgc	180
tgaaacgtgc	cgccgatgcc	agtggagacg	ttcgacgttc	tgccgaggcc	ctttctgagg	240
ccatgcctga	tgcaagaagc	ttggccaagt	ggtgtgcctt	gcctggtcag	ggatgcctca	300
aagctaagcg	ggctgctgag	gctgttgaag	aagccagacg	ttccgccgat	gcccttgccg	360
atgctatggc	agatcttgga	gagtactaga	agggtccctc	ccacgagcct	tatctttcta	420
aagatatgtg	tggcaggagc	attgtacatg	gcagatatct	atgcaggctt	atggccgagt	480
cactcttttc	aatgaactac	ttacggtcct	cgttacttcg	tcctttctgg	tgtttacatc	540
gtttgagtgc	ccttggccca	aggcgcatga	gtgaggagg	ctataaagg	aatattacaa	600
aaacagaaaa	aagaaaggag	taggaagatg	gagaaagg	aggagacaag	tgagatcagg	660
gccccatgat	atgtgcccca	tgatatggga	cagcagctat	atatgagctg	ttacagcaat	720
ccagtactat	cggtatatct	ggt				743

<210> 6715

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(691)

<223> n = A,T,C or G

<400> 6715

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tgatcatctt	ggattgagaa	agtacctaaa	atcctttact	actcagatct	ggaaaagtcg	180
attttcccgt	ttcttctggg	acatcctgca	ccggttgaag	aacggtagcc	ttttagaagc	240
ggtctagctc	gagaaaccgt	cgcaccccct	gcttcggggc	ttttaacttg	gctagtaatt	300

agcaaaagca	tgaggcttgg	gtacttttga	tcaaggctctt	tgtatagtgt	atggggagag	360
ggtgcttttt	ctttcgctcc	acgcctcaag	aatcagccca	ctgtttccca	ttcaaatac	420
ggtcgagtcc	tttgtcactc	tttcggcgaa	gtgtcatcta	tccgcgttga	caccaccacg	480
tctcgtttag	acgtacttcc	ctctttcttt	tttaaactgt	atcagtttagc	ctgccagggc	540
ttttatgctc	tagcagcgct	gatgtatgtc	tgcgacgctg	gcggaatata	gagactatgc	600
catngattat	gctcaacatg	ccagctgcaa	gcccaggagaa	catacaagta	cgcttggtta	660
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<210> 6716

<211> 654

<212> DNA

<213> *Aspergillus oryzae*

<400> 6716

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tgtgctacg	agcgctgaaa	atggtgccct	taaaacaggc	agcggtgata	gccagagcga	180
tcccatcaag	gcggacttgg	agggtcaaagg	ccaaagtgtc	ttgcctttcg	acgtcgactg	240
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aaatagtaat	cgcgatcgga	gcgggtgcgaa	caaagggcct	ttcaaagatc	ctcagaaatg	360
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cgaagaatac	gcattttgcgt	ctttccttca	aggcgggacc	aatgccatcc	tatcgcccgt	480
caaccctcct	tttcagaact	tccaaggcgg	cgtcttgaac	gggttctact	ccgggaacaa	540
agtagctaca	atttgattcc	tagccaggcc	ccaacagaca	aaggggaaca	tgggtttcag	600
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<210> 6717

<211> 514

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (514)

<223> n = A,T,C or G

<400> 6717

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ctatcctttt	gatgcgtcct	agagctagac	tttcagatct	ccctcctgct	cggaaaagag	180
ttgctgtgtg	ttcctttctt	cggtctttta	cagcagtcgc	atcgatgcatt	taatggagtt	240
gtgagaaggg	gtctggcgct	tgggttcttg	cttcgttcac	aaatcattca	ttgcttatca	300
atcattagcg	attttctcca	tgcgatcgat	ctaaggttca	cctgttggga	aggatctttg	360
ctatctctac	ctctgatctc	actcaactctt	ttctttntcc	tttntgtctt	ttcccttctt	420
gccatctatt	tgcattgtaa	tatgggcgca	taacagttgc	tgagcgagca	caatgcagtt	480
actagacgaa	nnannanana	naaaaaaccc	cnnn			514

<210> 6718

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 6718

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gcccgcgcac	acttgccagc	tgagcggact	cattctcgta	ccttcaccta	actatgtggc	120
cggtccgcta	gccaccatcc	cagcaacttc	ttgggctgat	acagtcaaca	ctcgactctt	180
atctccaata	ttgactactc	agctgtttct	tcctcttctt	accgcccgc	acacaaatag	240
caccattgtc	ctaatttacc	cttcgatata	ctcgctcattg	tctgctccgt	ttactagccc	300
agaagtcacc	acagcacgtg	ccttgctcagg	atttgccacc	tcgcttcggc	gagagttatg	360
tctcttgcaa	catagcaaca	togatgttgt	ggagctgaaa	ctcggaacaa	tcgaccttgg	420

tcctcaatac	cgaaacgcac	aaagtcatat	cacaggaacc	gaggtgctta	catggaccac	480
acagcagcga	tccctctacg	gctctcagta	tctttccagc	attgaacagc	gacccgttgc	540
atctgcaggt	cctagcatga	tacgtggatc	cgctgctcgg	actcttcact	acgcggtgct	600
ggacgccctg	gagccagcat	ccaaagatat	ctttggaaga	aagaat		646

<210> 6719

<211> 561

<212> DNA

<213> *Aspergillus oryzae*

<400> 6719

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tcacgttaac	ctacttggtg	cggcgaatct	gatcgaggcc	ttctaccctt	tagcgacagc	180
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<210> 6720

<211> 605

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(605)

<223> n = A,T,C or G

<400> 6720

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taaattggcc	ttgtccgtcc	gtgtctttgc	cgtaaatcct	tttcttacc	cacactgtta	180
aatacgggta	atagaatatg	gattactact	tgccggtttt	ggaattaatc	cagccactgc	240
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tggttcggtg	gaccatatat	attcctatca	tacttggaa	caggattgaa	attcacctat	360
aacttatctc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
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<210> 6721

<211> 630

<212> DNA

<213> *Aspergillus oryzae*

<400> 6721

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ggtgtaaaaa	gacattgatg	ggggaaaaga	aatgaagaa	gaaaggacgg	gtgcaaccag	180
cagcaccg	cagaagacgt	gataatgaag	gtagaatata	gaccggaaac	aatcggggca	240
acttaggtca	ttgcgacgcg	ttaccaggca	gaagagaacc	cttcacacat	tagctggaag	300
ctggtagtac	acattcggtat	gcagcaaagc	gacattgacg	tgcatcatgg	tcgcgaagtg	360
aaggcgacca	atatcataat	ggtcatacat	taaacagata	gaacattgag	caccaaatta	420
aacgggttgaa	gtatgcaagt	cgagaagtat	ctcgttcttg	gtgtcttttcg	ccatgacctg	480
gcaaaagatc	taatcagaac	tagaacggga	ccaaagcgga	tataactctt	ggaacgaggt	540



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gtcgtgcaaa	tggtctttcc	aaaacgccaa				630

<210> 6722  
 <211> 688  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(688)  
 <223> n = A,T,C or G

<400> 6722						
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<210> 6723  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

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actacaaccg	atacaaagtg	gtgagtgaag	atgaccggga	cactatggct	tggacggcat	480
ctattcgtgc	gatttggggc	gccggctatc	tgctcagaga	gtatgtcttt	tcttctacaa	540
gaacgccttg	tcattcttac	agnngngccg	gggtgggtga	gctggactac	tgatgaagcc	600
ggacttgtcc	gcctgcgggt	ggtgttaaat	ttggctgcgt	cgaactaaaa	cgggcgcggt	660
cccttttact	aataaacttt	tg				682

<210> 6724  
 <211> 249  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(249)  
 <223> n = A,T,C or G

<400> 6724  
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 atatggatcc ggtgtcggga acccggaccg aggccttctgc ggaggaaaag aatccgggcg 120  
 aggacaagga gcgtgaaaag gaattaatgg atgttctcag acatccccgg caatgggtgt 180  
 aagcctccct attcttaatg taaagggtata taaccaaaaa ttagataac gtcttccctt 240  
 cacctgtnn 249

<210> 6725

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<400> 6725  
 gggcaatagg cctgctttcc gtgttggaca ggtcgatgct gaactcttgg atgaggaact 60  
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 tgaggactgg tcccacgaaa tccaatttgc tctacgtgca atcttattca agctctcgat 180  
 ttgggaccac aacgcattct atggagcggc cttacaaaat ttgaaatacg tagacactcg 240  
 cagcaagggc ccgattcact cagccccaac aaagtggcag aagtccttgt atggtctact 300  
 cacagttggt ggtcgctacg cctgggagaa atgggagagc tggttgatca accaagaagg 360  
 cggctatgac gagccgtccc gagaagtgcg gatactggct cgtatgacag atctcatttc 420  
 cagcacacac tcgatcgagc ctttcatctc tttccttcta ttcttagtta acggtcgata 480  
 ccgaacatta gtcgaccgta tccttcgcat acgcctcact cctccctccg cacaggcaag 540  
 ccgcgaggtg tcgtttgaat atttgaatcg acaacttggt tggcagcagc tcacggagtt 600  
 ccttttgttc ctgctgcctc tcgtgggaat cagcagatgg cgacgatgg 649

<210> 6726

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 6726  
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 ctacagagca tgcaagggaat cgtggagctc cttggtgaa gtcattcttt actggcaaaa 120  
 gtcccaagct gggcggtatc ccgcatgata cttacggcat gacaaccttg tctgttcgcc 180  
 aatatgttct tggatcttac cgggaagtga agattgacct atccacgggt cgtaagcttc 240  
 aaaccgggtg ccccgatggg gacctgggat caaacgagat tcttctggcc aacgagaaat 300  
 acaccgctat cgtcgatggg tccgggtgta ttgttgatcc aaatgggtctg gaccatgagg 360  
 agctgggtccg gcttgcaaag aaacgcgtga ctatctccga atttgacttg tcgaaactct 420  
 cccctgaagg ctaccgtgtt ctggtggatg agagcaacgt taagttgccg aatggcgagt 480  
 tcatacccaa cgggatgata ttccgcaaca cttccattt gcgcgagaa cttccctatg 540  
 aagtctttgt tccttggtgc gggcgaaacg agtccattga tccttctact gttggaaaac 600  
 tatttccaac gggaaatcac catcccatac ttggcgaggg ggccaacttg gtcattacac 660  
 aaaacagtat aattcg 676

<210> 6727

<211> 1256

<212> DNA

<213> *Aspergillus oryzae*

<400> 6727  
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 ggctgaaggc aagcccagcg gggccactgc ccccctgcc gcggttttca acgcgcccat 120  
 ccgtcttgat gttgtccagc aggttcacac cggcatggcc aagaacaaga gacagcetta 180  
 tgccgtgagc gagaaggctg gtgaacagac ttctgtgag tcctggggta ccggccgtgc 240  
 tgctgcctgt atccctcgtg tctctggtgg tggtaactac cgtgctgggc aggcctgcct 300  
 cggtaaccag tgcgcctctg gtcgtatggt cgctcctacc aaggtctggc gcaagtggca 360  
 ccagaagctc aacctgaacc agaagcgctt cgctaccgct tctgctcttg ctgcttcttc 420  
 cgtccctgcc ctctctctcg cccgcggcta ccgtgttgcc aacgttcccg aggttccctt 480  
 cgtcgttgag tccaagacct tcgagaacgc cgctctcacc aagaccaagg ctgccgtcac 540

[illegible]

<211> 1067

<213> Aspergillus oryzae

gccatcttc	gatttgagaa	agtcgccatg	ggtcgcgtga	tccgcaacca	gaggaagggt	60
cgtggatcca	ttttcacggc	caacacccgt	ctcaacaagg	cccttgetca	gttcggtacc	120
cttgactacg	ctgagcgcca	tggatacacc	cggggtgttg	tgaaggagat	catccacgac	180
cccggccgtg	gtgctcctct	cgctaagggtc	cagttccgtc	acccttacaa	gttcaagcac	240
gttaccgaga	ccttcacgcg	caacgagggga	atgtacactg	gccagttcat	ctacgccgga	300
aagaacgcgg	ccctgaccgt	cggcaacggtc	ctccctcttt	cctccgttcc	tgagggtacc	360
gtcgtcacca	acgtcgagga	gaaggtctggt	gaccgtgggtg	ctcttggtcg	tacctctggt	420
aactacgtta	ccgtcatgtg	ccacaacccc	gaggatggca	agaccagaat	caagcttctt	480
agcggtgcca	agaaggttgt	gaagagcacc	tccgtggta	tggtcggat	cgttgctggt	540
ggtggtcgta	ccgacaagcc	tttgctcaag	gcttctcgtg	ccaagcaca	gttcgctggt	600
aagcgcaact	cttggcccaa	gactcgtggt	gttggtcatga	accccggtga	tcacctcac	660
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aggtcctttt	cttataaggg	caaagtccct	aggcgaatgc	ggataacctc	acccccgcc	900
cttaagggat	aaaggtgggg	gcacaaattt	tttgtagggt	ttccccttc	aaaaataaag	960
tcatcaatc	gcataacata	aaataatata	atttttctgc	gtgccgttaa	gactgatttt	1020
attaagcccc	ctttatttta	atatattatac	caccctctcc	ttcccc		1067

<211> 633

<213> Aspergillus oryzae

gacagctgct	tcataatgtc	ttcttacaac	atcgtcgtct	ttggcggaga	ccactgcggt	60
ccggaggtca	ccgctgaggc	catcaaggtc	ctccgtgctg	ttgagaagaa	ctgcgatggt	120
actttcaacc	ttcaagacca	cttgctggga	ggagcgtcaa	ttgatgccac	aggatctccc	180
ttgaccgacg	aagccttgaa	cgcagctaag	aacgctgatg	ctgtttctct	gggtgccatc	240
ggtggaccga	aatggggcac	cggcgccgtc	cgccccgaac	agggatttct	aaagctccgt	300
aaagaaatgg	gcaccttcgg	caacctgcgc	ccctgcaact	tcgccgcacc	ctccctcggt	360
gagagctctc	ccctccgcgc	cgacgtctgc	cgcggtgtta	acttcaatat	catccgtgaa	420
ctgacggggc	gtatatactt	cggtgagcgc	aaggaagacg	atggcagcgg	atatgcaatg	480
gacacagagc	cctactcgcg	cgctgaaatc	gagcgtatta	tccgtctggc	cgctcacctt	540
gcctctcgac	acgaccccc	tctttctgtg	tggagtttgg	acaaggccaa	cgtcctggct	600
actaaccgtt	tgtggcgtaa	ggtttgtcac	gag			633

<211> 643

<213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(643)  
 <223> n = A,T,C or G

<400> 6730

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acttggttta	aaacatccgg	agctgtttga	atctcttgg	atcgcgcaac	cgaaaggtgt	120
ccttctgtat	gggccaccgg	gaactggtaa	aacactgctt	gctcgagcag	ttgcccacca	180
tacggattgc	cgattcataa	gggtcagtgg	ctcggaatta	gtgcaaaagt	atattggtga	240
aggtagccgt	atggtgcg	agctgtttgt	catggctcgg	gagcacgcgc	cgagcatcat	300
cttcatggat	gagatcgaca	gcattggatc	cagccgcata	gactcagcag	gctcaggcga	360
ttcggagggtg	cagcgtagca	tggttgaact	gctcaatcag	ttggatggat	tcgagcctac	420
caagaatatt	aaaattatta	tggttacgaa	ccgactggat	attctcgatc	cggccttgnt	480
gcgccctgga	cggatcgacc	ggaaaaattg	aattcccttc	cccatcggtc	cgaaactcgc	540
gctgataatt	tgcggttca	ctcgcgctca	atgaccctaa	cgcggtggtt	caacctaaaca	600
nagatcgccg	aaaaaatgga	cgggtgttct	tgtgcaaagt	tat		643

<210> 6731  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(667)  
 <223> n = A,T,C or G

<400> 6731

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ctctgctcca	gctgttccgg	gatgagttca	ctcccagcac	cctgccgtat	catctcatag	120
tccgtctct	gccgggtat	ggcttctctt	ctggtcctcc	agtggatagg	aactatacca	180
ctcacgatgc	cgctcgagtc	atcgacaaat	tgatgaagga	cctgggattc	gaaagtgggt	240
atattgccca	aggaggcgat	atcggaagcc	gggtatcaag	atttctggca	gtagaccatg	300
acagctgtaa	agcggttcat	ttgaacttct	gtgcgatagc	gacaccccca	aagggagtac	360
ctgaggagag	cctcactgcc	tccgagaaga	aaggactcgg	acgaagacag	gaattcctga	420
cctcgggcct	cgcataatgct	tttgagcatg	ccactagacc	aagtaccatc	gggcataatcc	480
tctcttcaag	ccctcttctg	ttgctcgcat	ggatcggaga	gaaattcctc	acctgggtag	540
acgagcctct	tccctcccag	acgattcttg	agtttgtcac	tctgtattgg	ctgactgaca	600
ctnttctcgc	agggatttac	ccttatcgag	aggaacttcc	catatccccg	gaagggaatc	660
ccctgcg						667

<210> 6732  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6732

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cgttcgtgaa	gactttttcc	catgtcccga	agatcgtgac	gacgaacatc	tagcctctca	120
ctctcttggg	tttgtccatg	cgtcttcttg	tgctcagacga	tggaacacga	aaggcatcaa	180
gcatgaaatt	gattgggcct	tgatcaagat	caacgatgat	cggattgatc	ctcgtaacat	240
agtgttcagt	caacaacct	tgcaacagac	tgaaactatt	tatttgaacg	acatcgacag	300
cctagaagat	cttggtggct	tgaaagtcca	ttgttgcgg	cgaactagcg	gcttgcaaac	360
tgggcagata	tctcgagcaa	tgacaattgt	aaaactccac	ggccgacaga	ctttctcgac	420
gagtttctgt	gtagacggga	acttcggtgt	tcccgcgac	tcaggagcat	gggtcttcga	480
aaagtcaacc	ggtcgagtat	gcggccacgt	cctagcttgg	tcagagaaaa	gccacacggc	540
atacatcgcg	ccaatgggag	tcatgttaga	agacatcgct	cgcaccctgg	acgcgacata	600
tgctcagtcta	ccaagctatc	cacatggagt	ttttctcgta	cccaacgccc	cggttcctcc	660

cacttttga a ccacaaaacc ccaagattat cgcgcc

696

<210> 6733

<211> 719

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 6733

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gtaaggctct	tcatgatctc	tgatgaacat	gcgaaccgta	tcaggggggt	actggctaag	180
gactgataaa	cggaacggt	ggagcgtctg	tggggccgaa	cgtcgtcaag	atctcgactt	240
ggagacgac	tgggaagatt	gatatgttaa	ctacgaccac	ttcctctgca	aattctaaga	300
aattatcaag	caacctacgc	taaacgaagc	aattttgtgg	gctatgcttc	agcttttaac	360
caatggcgta	tgtgtcaaac	tttgatgcac	gttcaccaac	tgggtgtgcca	atgtacctga	420
taacttgact	tttctgatga	aggatcgtgc	tattgatgac	atgcagagat	gctttgagat	480
cagctccgat	ctcgctatca	gaatggcaaa	cagcctctac	gtcatcagtg	gtatggactg	540
ttgccggaat	ccttataacg	cggagctgca	tgatactctg	tatttgctga	atcttttccg	600
gattgtagac	tgtccttgct	ctttgttctg	gcgcttatct	taggtctcgc	aatacccttt	660
actgtcctta	aatcttgtct	attgggtttc	gaanaccaan	atgctctgna	aaagatatt	719

<210> 6734

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<400> 6734

ctacatatac	tcctgcttcc	catcgatctt	gttgaccgtt	tcctgtctttt	cttctatcta	60
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ctcccggtgg	tacatagcta	tattcttagc	tacctccct	tacacataca	caatgttcaa	180
gtcaccagcc	gcccgtcaag	cgtcaaggc	tctcagtatc	aacacacgcc	ctgctgcagt	240
aacagcagca	tcccgaccag	cgggtggccaa	tactttcttc	cgaggtctct	catcgacagc	300
tccccgtgcc	aacgatgaga	agtcgaaggc	agcaaaggac	cccatcttgg	ctgccaccaa	360
caaagctcct	gaggggtgcct	tggactcaga	gggcggtttc	gcccgtgtcg	actatagttt	420
gcacatcgaa	taccocgatg	atgagaacct	gccatcgttg	cctatcgtcc	aaggccgccc	480
aagaatgcac	tttgaaaggc	acctgggttca	attgttccta	aaaaaacaag	gtgcccctcg	540
gttctctgag	gtgcccagtg	tttgggcttg	ggcccagcac	tgggcgtcct	gtgcaacggg	600
aacggcactt	tcaattggcg	tattttaaca	aggccgaaac	ttgaggagca	tacccccaa	660
tatgttggaa	acatttaacg	agggagaacc	ccccgtttga	aacaag		706

<210> 6735

<211> 699

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 6735

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gggctggccg	agctttatcc	aggattcgaa	attcattcgg	gatatgtcgg	gttccgatac	180
ctggaaaacc	gcgatgaata	tcttccataa	aattcgtact	tgggtctcgga	tgaccatctg	240

gggagacagg	ctcttcctgc	aatttgatgg	ccccgcgact	attctcatac	aaacccgtgg	300
cccccgatt	aatgaagttc	toacctcgca	cgaagtcaat	gagattgcaa	gcgccccgag	360
aggactaacc	attggacctg	caaagcccgc	agaggaaaag	aaacccgtctg	ccgacgagga	420
gtatcggaag	gcggccgagg	aggctgtcaa	tgctgcccc	gcacccacga	ggaccgttga	480
acaattagaa	caggagatca	gagggtcagc	gcaaagcatt	gccactctta	cgaaggaagg	540
caagggtgatc	tttgagaaac	ctggccaaca	aaactaaagt	gtaacgtttg	acatcaactg	600
tcccagttgg	ggcatgataa	agcgctcatt	ctaaaatttc	ttattgcagg	cttgatgtat	660
tataggtagc	atactccagg	tttcaacaat	ttttttttn			699

<210> 6736

<211> 28

<212> DNA

<213> *Aspergillus oryzae*

<400> 6736

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28

<210> 6737

<211> 633

<212> DNA

<213> *Aspergillus oryzae*

<400> 6737

ctctgagctc	ctttagtcgc	ccgcacgatac	tccgccaggg	tgcggctcgt	ggcacgcgaa	60
gtgcgcgtcg	caaagagatt	gtctccgctt	ttacctggga	ggccctgacc	attgggaaag	120
ctagaaccgg	ggagcttgca	acctcatccg	gaaacagtaa	aggctccgca	cagctcccaa	180
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agatatctgc	tttgaatgag	aagattggca	aagatggtgg	gaagccgagt	ctacatgagc	420
ataaccagct	ggacagtctg	taccggcaaa	tgctcaagct	ttgtgaagat	gaaagggcca	480
ttcttcaaga	tgaaccagct	gatgtgatca	agaacttggg	ccttctgacc	gcacttcgtc	540
aggcatctga	agcagaggcg	ccactttacc	gtgcgctg	tcctgggaaa	tcccgtaaaa	600
agagaaatga	cgtggacggg	tcagctacgg	ggt			633

<210> 6738

<211> 737

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 6738

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aaggggccta	tgctgatgag	gatgaggatg	agcagtccag	aaaccactca	gttgatttcg	180
gcgtggcatg	aaggacaact	ggatgctcta	ttacaaacca	cgtgggcctt	ggctctttac	240
cgctataccg	gttctggaga	tatttgcttc	ggtttccaac	aaccgacggc	tggtgatatt	300
gcgacccatt	cctcagatag	tgctgtatc	tgtagatgca	gactctcagt	cagcgaagat	360
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gatattgana	tttttatgga	gtgggtggat	aacgacatgt	gaaccgagca	tataataagc	660
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tgaccaaact	accgagg					737

<210> 6739  
 <211> 725  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6739  
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 gccgagtggg tagaagttgc gggaggctgg gcttctccct agattcgggc aacttcacgc 180  
 tttgtccgct gtataatctt cgccctcctcg tttccatacc tttattgttc aattatgagc 240  
 attactcggg ttgccgttgg agttaattgt tgcttgagcc ttcataattat gttggctgtg 300  
 gggttctgga cggcgttcaa cggatctgac agcttcttca tggaaaatgg tgtgatcatt 360  
 ctcatcaata ttcacaaatt catctagcgt gctttgtatg ttttcatttg gattgccgcg 420  
 ttcttattaa aacagaagac tatcttctgg aaagagacgg ttactgtccg actgtgagct 480  
 tcaagatagt ccccgagagc gtctatcggg attcacgttc ggtcttccca caggcaagac 540  
 ttgttttctc tacgtagctc ttggctacgg tgaatattcc acgcctcttg ttcctacggg 600  
 ctcttgctaa agctcgctgt gcgctaacc tggatttgat tatgcctgct gctaccaaat 660  
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 aactt 725

<210> 6740  
 <211> 990  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(990)  
 <223> n = A,T,C or G

<400> 6740  
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 tcaaccgagg gaaagttgcc ttggaagaaa ggcagcgtat gcctggcact cacggaggac 180  
 tgtatgggga cgattggatg gtgtaacgcc gaggcgcaac gcctgaagga gttcggcgct 240  
 cgtgagaagt gcctcgccca aagagagcgc cgtcctgccg acgcacctaa acttccctgg 300  
 atgaaaggta ccggttatga ctgtgcctat gctctcactc ccgaggagag atgttatggc 360  
 actgcacttt tctgccgtga gggactttac ccccagggtc aatataggga cgagcaggaa 420  
 tgcttgtctg acagagagga tgctccgaaa gatgccaaaga agcagcagag cctcccagag 480  
 gcagaactga aggcgaagaa gccattcctt cagcccgcgc ccgacagcga cacttcgtgc 540  
 atgaccttcg accgcggcag tgaacgctgt gttggaacca ggtactactg taccaatgat 600  
 atcatgaagt tcccctacac agacgaggac ggcagtgtct acaataatgc tgccgagtgt 660  
 ctggatgccc gtgaatctga gcctcaatct gccgatcccc atcgcattgt gttccctgat 720  
 aactaggggc ggatatggac gtagtcccca actaagtgcg gtccatggct tgaccacca 780  
 cgttagcatt caggggatgc ggactaagga gggaaccctg aaagtgttgt gaacgttccc 840  
 atttgcctgt acttatgtgt attaacctcc tggcgttaga ttcaacatct aggccagtct 900  
 tagtgcatta gttntattta tttcgtcgat tttgaatcac actgagaaaa gggannnnnn 960  
 nnnnannnna nnnnnnannn nnattatttt 990

<210> 6741  
 <211> 647  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(647)  
 <223> n = A,T,C or G

<400> 6741

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aatatggggg	gctgagaggg	ataggccacg	attgtaccct	cctgaaccag	gatcttggac	120
ttattgcaga	ccaagaatcc	cagaccatga	ttgggtcatgt	cacaggctgt	cgctcctaac	180
tggagaccgg	tcccaatttg	gaatccattt	gccacccac	caacacggct	cttgatcagt	240
agcgtccttg	taagggacta	acgcgcgcaa	atggatggac	atcaatgttt	ctactgactt	300
atatagtgtc	taaactgacc	gcgcttgaga	cttcaaccat	ctgtcattgg	cccacttcgt	360
gcttntctgag	catttgccga	cgattacacc	tctatcgtcc	ttttcttcca	taaaaagctc	420
aatttgtgat	agcgaaggag	aaaaccgggc	caaggagaac	accttttgca	ctgtgactta	480
ttgacgtntt	tttcattctt	ttctttntat	ttatcaacga	accgggggat	tcattcgggg	540
atatctacta	gaatcttgtc	agcacgccac	gccggtgcag	ggtagaattc	gtcgtaatgc	600
ccacacattc	acagtgggac	gcacacttct	ataaaagcat	tgccaat		647

<210> 6742  
 <211> 656  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(656)  
 <223> n = A,T,C or G

<400> 6742						
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ttgatgaaag	taacgtcttc	aagcgatctg	ggtcgagccg	tgccaggcgc	gctgctgtcg	180
ggttgcggga	cactgggtgac	gattctgatg	aatcagacag	cgacgaatct	tcaattacag	240
gctccccgc	tatcggtcct	catctggccc	aaggcactgc	gcgcacaaga	ggcatgcgag	300
gggctgccag	tgctgtctcac	gctgtctctg	gtgcgaacct	tggtcagtct	gccactccgg	360
agcctcacca	cgagggaaga	gcatctgcta	ggagacggga	ctatcgcgaa	gagagcatcg	420
aagagccaga	aaaactaatt	gtgaagctta	agatccctcg	tgagaagttc	cgtcagcttc	480
ttaccacagg	accacagtca	ataccgagtc	tctcagcgac	tccagcccct	cagccaccgt	540
cacatcaagg	cacgcctcan	natagcactt	ccaccccaag	caacatggct	ccaccgtcac	600
acatncagcc	tcaagccaga	gttttcagggtg	tcggtaacacc	cacgcaacgg	accgtc	656

<210> 6743  
 <211> 697  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6743						
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atcggtggc	tgttcgggtg	ccgaagttcc	tctttcatca	gctcacaacg	cgctgggcaa	180
ttcgagctc	gatttcaact	cacttgactt	tccccatttc	tagacaaaa	atctatcgat	240
gaagtggcat	atggatgcta	tatcgctccac	atacaatctg	ttcgacgatc	gcgctccgaa	300
cctgattacg	gaggatcaca	gcatttcaac	ggttcctgag	accactcgct	cccaggaaga	360
tcgcctttgc	cagatacccc	aagaatgctg	tatctgactc	gccacacggg	tgcttcgaac	420
tatgcatgcc	tgctcaagct	cctggattct	ggggatgatg	ggccaatatt	ggcttctcca	480
agctcaatat	cagcttgaag	ggaacagatt	ttgcgcctga	aacagttcta	tttggaaagca	540
gtccggatcg	gtacatgatg	tgggtagtaa	agggagcccg	ctactacttc	tcttggcaac	600
gacctgtgtg	atgatatgat	tgcgtggctc	tgggaatgttt	tggcgattat	aaatgggccc	660
tcaaactttt	ttccgatcat	cgggcgcgtt	aatctcg			697

<210> 6744  
 <211> 467  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6744



atttaccctt	gactgcctct	ttgtgtccct	cgtcacaatc	tatcgcaatg	gccgactcca	60
acgaatctca	gccgatcgtc	cgggccacca	agcccgtcag	tgaggcattg	ctcaatgaga	120
agtgggatcg	cgccatctcc	tccatgatca	ttcgctcctc	ccttggectc	ggtttcgggtg	180
ttgttttctc	agtgtccttc	ttcaagcgga	gggcttggcc	cgcttggggtt	ggcttaggct	240
tcgggtgctgg	acgtgcttgg	gaagaggccg	actcttcctt	ccgtcgtggc	gactcgcccg	300
ttagagacgc	cctgcgtcgg	tagaggggttc	agcatttgat	tgtgtatgat	acctgtatag	360
ccgaggggaat	aaagtacgtt	tagggcttca	ttcatgctgt	ttagaagaat	tcctaggctc	420
tgttttaccgt	ttagcatgca	attcatcatt	attgtatccc	gccattg		467

<210> 6745

<211> 722

<212> DNA

<213> *Aspergillus oryzae*

<400> 6745

gacatcaggc	tcgatccgac	tacggcgcgga	cgagtgatga	cccggatggc	tcgagcgatg	60
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aaccattcgc	gaggcctaaa	tcatcactct	gaccccgac	gaggaaggcc	gaggcagaga	180
tcagtgccag	cgaggtatag	aagcgtatca	accccatagc	gcagatggcg	gcgaaatcgg	240
cattttacct	ttgtcactta	gagcgcacgc	cacattcaaa	tatgcttccc	ttgacgactt	300
gacatcatgg	ctgggttcaa	ttaaggcagt	tttcctgagg	ggaaattggc	ccagcgtccg	360
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acacggttcg	attcaggggg	agatatagcg	agacatctag	ctgtaaccct	gatcaatata	480
gtatcatctg	atcgacttga	tagaactcga	caggatttca	acttccttta	aagtgccgag	540
acagagatgg	ctgcattgat	tgacctcgg	atagcccttc	ctattaaccg	atgcatgcga	600
cgatcacttt	tgaccgcaca	ggcttccgac	caagagatag	taggaatgca	accctggacg	660
aactaggaat	ctgcggactt	atataaccga	tcgttaatcg	cccagtctct	gggtagcttg	720
ct						722

<210> 6746

<211> 487

<212> DNA

<213> *Aspergillus oryzae*

<400> 6746

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acgcccccaa	aaaaaaatct	tacttttata	ttcgcccgcg	gagctatata	cctccactcg	120
atttaccttg	taatcatgac	gacgtgagct	agcattggat	tcggcaagag	tccccctttc	180
atattttccg	cgtttctact	atttaggggt	gtgcattctt	ccggcatggg	ttgcacttgg	240
cgttttgggt	ttatagcaca	tatttggtca	tacttgcttc	ttatcgaaga	ttcccgcgaa	300
tgcgctttat	agacgtggat	atcctgaggg	ttggtacaca	catgctctcg	agcctcattg	360
tatgggtttg	tatcgatatg	gttgggtta	ggatgtacat	gatatgtgta	tatatgtgg	420
attggataaa	tacaacattt	tctatggtgt	gtctggcggt	cgacatgagt	gtccgcgacc	480
acctttg						487

<210> 6747

<211> 755

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 6747

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gtacttcagg	tgctaacact	cttgcaaggt	acgaagacga	gaatctcgga	ctgcgaacat	180
cgatccagta	gagatcgaca	caataggngg	atgatgatcg	cgcattgaca	agcagctata	240

gaagttcgat	atgcatacgc	tgagacatcc	tttacctaca	gaagatgggg	aatcaaaagc	300
aaagttacaa	cgaccactgt	cgagtgaccg	cgaagtgagc	agtattccca	gagctttcga	360
ccaagacctg	aagcaacctt	ctcctaatac	tgccgcggaa	cctccatctc	catatactac	420
atcggtctgta	tgcacgggca	cgccttcaaa	tgccgaagct	gaaactgggc	atgatgagaa	480
gagcgggaa	cggattttacc	catggtagca	ccaattctac	gaagcatgga	tgcacaaatg	540
taatacacccg	gtttccagca	ctttgcctac	tgaactagca	actactgtgg	catccattat	600
cctaataccat	aatgccttca	acgagcgtgt	ctgtcaccag	atcctagaat	gggagataca	660
agcgcttccg	tctgatctgg	ctacaagaaa	tgtggagggt	cgaaacatat	ttcattttcgg	720
cggactgggc	agataccgct	caaatacaaaa	tcctt			755

<210> 6748

<211> 459

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 6748

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gttcaactcg	gagctgagca	aggttgcaaa	agacgtgcga	gcaggagatg	ctgaagatgc	180
gctcaaatcc	caactctctt	cagcggttaga	ggagattggc	cgattgaaaa	aggaaaactt	240
ccggctgaaa	cgagaggggtg	gaggtctgan	aactcancaa	gccgcgggtgg	ccttactgaa	300
ggcgagcgaa	tgacaatcga	attgcggttt	tggaccagtg	gccgttctcc	gagactctgg	360
gcatggaagt	atactttttt	acctctcact	tgtctttttt	cgagaactga	aatgggttgg	420
acccgaatta	cctgcattta	ctaagggaca	aacccctg			459

<210> 6749

<211> 1153

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1153)

<223> n = A,T,C or G

<400> 6749

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gcactatcag	aaagccatgg	aaaggggaagc	ggcgaagaga	ggatcggctg	ctgtagcaaa	120
cgcgccaaac	caaggagacg	gcattcccac	tattacatcg	cctgggtgcgc	aggcactcca	180
acagtccaat	gctaatttga	ctcctcagca	gcagcgccag	cagcaggctt	ctgccgcggc	240
ggctggattg	gcagacaagc	ttaccagctc	catgatggaa	caggaattgg	atgaaaacga	300
acctcccacc	atcaaattgg	gagacgcac	ggttgctgcg	cctttcacta	gcaagtttgg	360
ccaatgttat	cgccattccc	aatatcattc	gtcaaggccg	ttgtacactc	gttgcaacaa	420
tccagatgta	caaaatcctt	gctctgaatt	gcttgatcag	tgccctacagt	ctgagcgtta	480
tctacctcga	tggaaattaag	ttcgggtgacg	gtcaggtgac	catcagcggc	atggtgatga	540
gtgtctgctt	cctttcaatt	tcacgcgcaa	agtcctgtga	agggtttgtcc	aaagaacgcc	600
ctcagcctaa	catttttcaat	gtatatatca	ttggctcggg	gcttgggcag	tttgcgatcc	660
acatttgtac	tctgatctat	ctgtcgaact	acgtctatcc	aattgaaccg	aggaaatccg	720
acatcgactt	ggagggagag	ttcgagccat	ccctactcaa	cagcgccatt	tacctgcttc	780
aactcatcca	acagatctct	acctctctca	tcaactacca	aggccgtcct	ttcagagagt	840
ctatccgcga	gaacaaggcc	atgtactggg	gtttggtggg	agcatcggct	atggccttct	900
cttgcgctac	tgagttcatt	cccagagctca	acgaaaagct	gcgcctcgtc	ccgttcagca	960
cagagttcaa	cgtcacgttg	actgtcctga	tgatcttcga	ctacgcgggt	tgctggatta	1020
ttgagaatgt	actgaagacg	ctgttcagtg	atttccgccc	gaaggacata	gncgtgcgcc	1080
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1153

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<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G
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<210> 6751
<211> 664
<212> DNA
<213> Aspergillus oryzae
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<220>  
<221> misc_feature  
<222> (1)...(664)  
<223> n = A,T,C or G
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<210> 6752
<211> 732
<212> DNA
<213> Aspergillus oryzae
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<400> 6752						
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caatcactatg	cggctcttgca	gcatgtgcc	atctgggtgtc	tggtatggct	ttcacggctc	120
ctgcccgatg	cttgacgatg	aaagacacgg	ctgagaaact	ggacgtttaat	cgttggattg	180
atctgtggct	qgaactacc	tqcaaacqct	qtcagtcqcc	caagctqtcq	qattatcgaa	240

[illegible]

ctttgcggga	aagccacgtc	gctccctttg	tgaaggattg	ctctgactct	atgggcactt	300
ctcacctttc	ctccaactac	cttgccctcg	ctgatagcct	cttggacctg	gccaaaagca	360
aatgcgaggt	aaccgacgaa	accgacttgt	gcgaggatcc	tgatcaattg	aagacagtag	420
ccaagtgcgt	tcaaagcaac	gcctgggtctt	tcgtctcggg	caacgtcggg	aatttctctgt	480
ccatcctgtt	ggcagacccc	tgccgcagac	aaatggactt	cattgcaaac	ccggacactc	540
tggaccgcac	cattcgttcc	cacttgacca	actacgagaa	aacttgccca	aagaatagca	600
aatcgctcgg	ccagtgaaaa	tcccgaatca	aactgtgctt	cattccaatt	tgagcagccg	660
tgtttacctt	ccttcaactt	ccccttgtgc	gtggtttagt	tatctcgggg	ctccgtgtac	720
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<210> 6753

<211> 119

<212> DNA

<213> *Aspergillus oryzae*

<400> 6753

ctcgctgggc	cttgggggga	acccctcgga	gcaggggggc	actagccggg	caaccggccc	60
gcgcccccca	gcaccgggtg	ggggacgccc	ttggcaggct	tcggccgtcc	ggcgggcgc	119

<210> 6754

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 6754

tctgtcaact	aattatgact	ctggttgtct	ctcgccctct	actggatcac	cagtacgggtg	60
atgttgctat	ottacgcttc	accacgctgc	cgccttcctg	ctcagtgtac	taccctctcc	120
ccggtgcggg	taataatatg	cttctcagcc	ctttgcagac	caccaacccc	cccgcccatg	180
aaggaaaaaa	ggacctggtt	ctctgaacgc	cctgataaaag	gccatgggct	gatgtttccg	240
cgtgaagaca	cttgtcattc	gtgtctcgac	gtttccagac	ctcgaccgag	tgagttaatc	300
tgtcattctc	attttttacca	tcacactttc	ttctacttac	gtcgtcacca	tccacaagca	360
ctattttgtg	attcccactc	atgtcatgac	aaacgtctcg	ctgatacttc	acatgagata	420
tacatatatg	agaatacgac	ctaataatgc	tcgtcgattt	gtactggtag	tagtggtagc	480
atattacatg	atatcagata	tgtcgtctcg	atcgctgtca	cttcatgacg	ctgataccga	540
atattatgtt	gactcgacct	tctgctgggtg	attatgacgt	cgacgacata	tcagcttgac	600
gatcctcgat	catcatcaat	ctcccgaacta	tctccgctcat	catgtctatt	gttcacg	657

<210> 6755

<211> 626

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 6755

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tgctttccct	actcctaagg	aggccacacg	cgctcacact	atctcccagc	gtctgcgcac	180
cctcaagcgg	gtcccccccg	agttgattcc	tctcggtatc	gttcttgggg	tcgctgttgg	240
agctgctatc	tactccagcg	gcaggaagct	catgaccgac	aagactctcc	gtcttagccg	300
caacagccct	gagagccgtg	agcactaaag	tgtattacca	tatttcaatt	gcaatggcga	360
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gaatttgaaa	ctttttaaaa	aactcgggtg	gagcgcgtgt	atatagtacg	gcttgaacgg	480
agggttctga	tggagaaata	ttgcaatatt	actggcgcac	ggctttctgt	ttccnnnnnn	540
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<210> 6756  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

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 agtcacttat ctgggcgttc atcgtcggac tcgttcatat cgggggtact atcgtcttat 180  
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 tggtggcgta tgagctngct gggctgagac aggcgaaggc tggaatatgg gaaatgggga 540  
 ggggtctgag aacttggaat tgaggtgaaa gtgaaagaag gagatccaaa ggtgcaaata 600  
 tgggtggctt aaatatgggc tttgaagaaa acttggaacca agaagaaagg cggaatcttc 660  
 catgaaagg 669

<210> 6757  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 6757  
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 gctccagtgc taggaaggag cttactttcg agcttcatgg gagtcagttc ctgaatcggc 180  
 cgggtgatcg tgcaaacaaag aagttcaagt ggcgcaatgt ggactatctt tgattgatgg 240  
 tgcggtacta tcgcctacac tttttataat gttaacgaca ctctttgaag gattggccga 300  
 ccgagaagac tgcttatattg gcagcacgcg gatgccgagg gaatgaagcg caagacgcga 360  
 aagaacactg acgccgagtc gatatgagag aggattcctg gcatagcctg cgcattgccc 420  
 tcaaacatgg accaagcctc cggcctcctt catgccgtcc attggcatca aactactcc 480  
 agagcaatgt ccaaagtaag gaagctgcgc ctccaaggcc gcagctctac tttctgtgcc 540  
 ttatattgag cttgtctctt acatatgcta caggattaag ctatggctcg gtgattccca 600  
 ctatgtgaac gcagatgcta ctcagggtgat ccaatgggta tcattcgagc tagaanaatt 660  
 gtttctcaag tn 672

<210> 6758  
 <211> 801  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(801)  
 <223> n = A,T,C or G

<400> 6758  
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cgcagcatat	catgcacatc	ccttcttcgg	atggcgcttc	ctatgccgcc	gtgcgcacca	360
gccctgacac	caaaaatgca	cgcacctcaa	acacatcact	gttaccacga	agctcgatgg	420
caatgcgtga	tccgtcgccc	gatgtttatg	cgcgttccaa	gggattccat	cttcccgcctc	480
aggctgtcgc	cgtggccgctc	cgttgctgct	atcttgccca	atgactgccca	tccctggccat	540
ctgtgtgtgc	tatatgatcc	cttacaacacg	ngcgtgatg	atattgaccc	agnccngcgc	600
cttcgcgcgtc	cttttgctgc	ttatcgngga	tgatatgggt	cattctcgaa	tcgacatcct	660
attggcactt	attcatccgt	gcggccggac	acaacacttg	tatccatgct	tcggacatgg	720
ggaaccggca	tacacctggt	ctcataacgg	agatatgcgt	ggatcgtctt	tccggtttac	780
acacgggaaa	ttggcggccc	g				801

<210> 6759  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 6759						
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aatgggtgga	actaccttct	gatttaagtt	tttttagata	ccccctctct	ctccatggga	180
ttgcactca	tgacgtttac	gcgtcccttg	aagggaacca	ttcaagcggg	cttgaatatg	240
cggccaactc	ggagatctcg	agagtcataa	tctgcgccaa	ggggatata	caatgaatgc	300
aaatactcgc	gcccgttgaa	tgatggctgg	atctcatcat	tccctgagctt	actgctccgc	360
catatttgc	ttcaggaaac	gtccatata	cccagactgt	gtcggcttgg	tgctggctct	420
tggtgtgtgc	tttccattct	ttatatatta	ttggctctgt	ttcactgctg	gccaggga	480
tcattgacacg	aaaggctatg	aggaagcatt	ggatttctgt	cgatagttgc	agaggcgacg	540
acagtcatac	ccccacatgg	tgttttggcg	ttttggagtg	gatggacctt	ttcatgggac	600
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tgatttgaat	tgattcaatg	gactatg				687

<210> 6760  
 <211> 568  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(568)  
 <223> n = A,T,C or G

<400> 6760						
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gttttgctca	gcgtcagcca	tctccgtatc	ttctttgtca	tccttcttat	ccgagctggc	180
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ctgattttatt	tattccacct	gatcctttgc	ttaaactgtg	ccccaatatt	gcctcatttt	300
tccaatttgt	gctaaaattt	accatatttt	tgtacaaccc	ctatcataat	attatttgtg	360
ttgtcttccc	accaatctcc	cattagaatt	tgtccctgta	atttttactt	gaatctgtaa	420
gtatttttag	aaaacttttc	taagttttta	tgcaacaatt	acttattttt	ctttttgctc	480
tttgcttcat	tctttacttt	tttattgtac	tcatatttgt	ttaacacact	actattaaca	540
ttcctctatc	ttccaatata	tactctac				568



ggcatcccga	ctggtaaggt	ctgtcataag	caaaatgata	ggggagacac	cacctttgaa	480
acagaggtag	agcatatcca	ttgcctctat	ctcgtgcaaa	aatagtggct	catgaaaccg	540
ttgatggaga	aaatagtcaa	acaacctttt	tgaaaacccc	acattttgct	ttcggtttaa	600
aaagggtctt	ccgtttattt	aaagaaccag	gggtcccatt	tcttaaa		647

<210> 6764

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 6764

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tccctccctc	caacatcctt	ctacattttt	ctttcggcct	gttcaaaacc	ttctctttgt	180
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gccccagtat	cttggttaatt	tgctcggcct	cgccgtcatt	tacttcctaa	tttgtccatc	300
tctccaccgg	tctcgtcacg	ctgcagaagt	cgattgacat	acaatttgac	gtgtcaatac	360
tccggaacat	tttcctatta	attcgtgaaa	tcttttgccc	ctcactcaag	agacgaaagg	420
cgttgacgag	tccgaataaa	atcaataaac	gataatcgtc	agcaaccata	ccgcttggtc	480
tgcgcctcaa	atctgcgcgc	gaccgatcgt	aacgggcctc	agcgggggtc	gaggaatcga	540
acaatttaag	cccctacact	aacacgccaa	caacaccact	tcggggccac	tttttttttg	600
gtactacaca	tcttgcatga	tctttatttt	gaacgctctc	tgaatcatgg	gctcc	655

<210> 6765

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 6765

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ggttagtggt	ttttgatgta	ataatttttt	tttatctctc	tgtcccccct	tcgtattttc	120
tttccttttc	tttggtcgat	atctttctca	ccgaaaatat	tattcgcgtt	cgaacatggt	180
gggaatccac	aaggagagact	tatctccgcg	gagtcgcg	agataaaaaa	aaaaggtaaa	240
aatgagatc	aacagttgga	ggcgacgggt	aatgatattt	gttactatga	taaagttcag	300
acatcgatat	gtccaaattc	ttagctttgc	ttattttccag	tgtacagagc	tagaaaataa	360
gacacttgga	tcaattacgg	tccccccgga	ccttttcttt	tctgtgggtg	taatattggg	420
cttgagggtg	ggtgatctaa	ctcttgaata	tatatgtccg	aagggtatact	ctggaaatta	480
ctttcccaag	ttctgattgg	gaaaataaaa	tatatatcat	tttggttattt	tatatagaaa	540
tatagttacg	acttggtgat	aagatataat	gtctttgtgg	ggcgtctata	catttttttt	600
aaggggccct	ctatggttat	tttttttttt	accctttata	tatccccctt	cccccaataa	660
tcttttttat	aaaaag					676

<210> 6766

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<400> 6766

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cttgcaagca	cagttacttc	ggtcgcgtga	cttggttttg	tacctgttgc	cgtgcatttt	180
gatctctttg	acactttggc	aaagatcgag	ggcccagcga	gcggagaaga	tgttctggtc	240
gcttacagaa	gtagcaaggg	tgataaggct	gaagataatg	tgccatgttt	acgtttagtt	300
caggataccc	tatatgctat	gtccggtctg	ggttttgggt	acattgccgg	agacgatctg	360
tacagcgcta	atgcaatcac	caaacacttg	gctaccatgc	cttctgccca	gcatggtgca	420
cttcacttta	caactgaagc	tctcctgggc	gctgcattct	tgatgaagaa	actgaaagca	480
gacaactttg	aatacccttt	taaggagctg	gagacgcctt	atcagtacgc	ctatcactca	540
atgggcccag	aggagctagc	aaagcaacac	acttattcca	ttatggctgc	tgaaggccgg	600
atggacagct	tcaaccactt	tatgggttgg	aagttcatga	agacaaatac	tgcccctgat	660
cgcctcaagg	cat					673



<210> 6767  
 <211> 639  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

<400> 6767  
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 taaatcttga aaggaaacca gaaggacgga accgaaaaaa gaaatcttta atgactgaca 180  
 agtcttgtct gtggctgcat ttatctgggg aaaggtctcg ttcttcaccc tttctctctt 240  
 tctaccttt cgccgatcaa tccatcctac gctgtctcat ctatacgcg tctttgatata 300  
 tccccgggtg cattgcatga ttccagactg ttaagcacga tgcgatagac ttgatgctnt 360  
 gccctgttta tttaccattt atcttctttt ccagtttcac cccctttttt ttattcattc 420  
 ccaacctagc atagatggga cgcttggttt atttgtgact tttctcttcc tccattttcc 480  
 tttatttttt cgtttctcct tctgcttttc caaagaccac cccctgcga tctgtaagca 540  
 gggatgtgtt gaatatggaa gacaaacagt gaacatccta gtggctacat tctggcggtta 600  
 tatactcttg ggtcttatgc ttgctcccta ttgatactn 639

<210> 6768  
 <211> 705  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 6768  
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 ttctgcaaat gcacctgttt ctctaacagc accatcatcc cactcgatcc tgcgaaacca 180  
 gacactacca ctctaacaaa ccttttccgt atcctcggcc gtacgcactc caccgatgat 240  
 cagcacaaca caaatgaaag acgagccaac aaatatcgct cgctgagctg caacgattgc 300  
 aatcgaaagt tttgccttga ttatgactta ccaacgtgta aagatgcgaa agaggaggat 360  
 gtatttacta catgtttcca gagggactcc aggaaagacg aggccattgt gttcattttt 420  
 ataattgcta caagcggact gcttgcattg gctgtcttca aacctgggtt acagaagtat 480  
 ctgcaggcag caagggaacg gcggtcatac atccctgtgt ctgaaaatgc ggaccgataa 540  
 atgttgccct gctactaagc ctcttctaga tatccataat gggatatagta gctaccttct 600  
 tcggnnaaan anannnnnnn nnnnanagag nnnanagag aaaaaaattt ttctgcccgc 660  
 gctcgagcca tgatttttaga gggccccctt atttgaattt agttg 705

<210> 6769  
 <211> 675  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6769  
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 cattcccttt ttgtattctt ggtttcttgc ctgtggcagt taccagacat tctttttctg 120  
 gacaaacacc attgtactac gtgtgacaaa agtagcgccc tcgctcatct tcattatacg 180  
 gacaatcgtc tctcgatcag aaagtcattg ttctctccag tcttgattaa agcaggcatt 240  
 gttactccgc cctgcttcta ctcaaaagac tctttcgcac gactacatcc aaggcttctg 300  
 cccgcgggtt tgattcgtcc ggtacgatca gaatctccag ccattctttc agctgtcaaa 360

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cagtccgata tatagcacca cgttccttc aaaatcaaaa tgtttagcaa ggctttcctt 420
tccgctgctc tgctcggcgc tgccgcggtt gaggggcaca tgatgatggc gcagcccgtt 480
ccttacggca aggacactct caacaactct ccacttgccg ccatggcagc tgatttcccg 540
tgcaagttga ggtccaacac ttaccaggtc accgaagaga acactgccgc catcgggtcaa 600
tcgatgcctc tgtctttcat tggtagcgct gttcacggcg gcggatcttg ccaggtcagt 660
ctgaccaccg accgt 675
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<210> 6770
<211> 686
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(686)
<223> n = A,T,C or G
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<400> 6770
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aatgtagagg gaaataaagg aaatgggaag aaagagatga agtatataga ttgtataaca 180
agaagattaa gatattctag ttgaatcgaa tgcttcatga atttttataa tgattacttc 240
atgtgagctt ttatttttcta gcttattttt ttatttgcta tgccttctta tttatatttc 300
actttatatt tttatttttta tataactatt tattatcttt ttattttaata ttattattat 360
tgannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnn 686
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<210> 6771
<211> 639
<212> DNA
<213> Aspergillus oryzae
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<400> 6771
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ggataagact atccgatcga ctgcgactgt gaacgaagtt gtgggcgtgc ttgaagcgaa 120
gcagattcaa agcattatcg agaaggaatg tggggcgcaa actactgtta tcgatgggtc 180
ctctggctct tatecatccg actttggcgc cgaccccgca gtccttttta ttaatttccc 240
agtgtctcct ctgggtaagg agagggtcga gcagctttct gacaatgatg gccttcttcc 300
tgatatcacc gaacgggata cttcgtcgaa gaagtaacc attctctacg taacatcacc 360
tagggaattc ggggagtcgc actcggttat ttatcaatcc gaaactgatc cctaccaaga 420
tcctgttcac atggatttga aacgagattt tgccggcgcat agtcgtcgct cggagcctgc 480
atctaacaag tcaactcttc aagagtatca gtacctcaca ccaggtctct tcatgggact 540
catggaaccc tttgcttcat tatgattttg tatgtccgct ttaacggcct tgtccagctt 600
gaaagtcctt aatgcgggtt ttgaaaaaga cacctcccc 639
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<210> 6772
<211> 909
<212> DNA
<213> Aspergillus oryzae
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<220>
<221> misc_feature
<222> (1)...(909)
<223> n = A,T,C or G
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<400> 6772
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atcggggtcg	cattggcaca	tcagaagtgg	agggggagta	tacagatatt	gcatgggac	180
ccatgtcagc	atcccatcca	ggaaagtcca	agatggaagc	ctcagaatcc	gctccattcg	240
agggtgttcc	tgagaatcat	ctcgacttct	cctaccataa	ggaccggccg	gatttccgtg	300
atgagtttgg	cgggtgtatc	tatggccggc	cggacgattt	gatcaccgaa	cgctcgcaga	360
cgccacggac	cggcttaggg	gagtggtcgc	cgacttcctc	acgagcagcg	tccccaacgc	420
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acctcgtcca	tcctgcattc	cgcacccac	tgtcccactc	agagagtggg	ctgggtgggca	540
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cggccatgac	agacagcgct	caccccttca	atcgatggcg	gccaggggga	tacgggcctg	660
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taacgacatt	acctgaatat	accatagatt	gattttcttca	gtttcttttt	tttcccgtgt	780
tttaattggt	tattgtttat	agagcttttg	agtgtatttg	gatatgactg	gacgtgggtca	840
acggaagtaa	cgctgcatac	acgtgcatac	gatctggata	tctgggttgt	aaaaaaaaaa	900
taaaaaaat						909

<210> 6773

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 6773

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ccatggcagg	cgacgacaat	tcaaaccgca	atagagattc	ttccgcccag	agctctcaac	180
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attggtctat	tttctcagac	gacagatact	acaaagacgc	gtatactcgc	caaagacgaa	360
gcggtgacgg	caacgaagga	gaccattatg	caggctcaga	aactggcgca	tcagccgagt	420
cgactgataa	tccaccatcg	aagtcgcgct	ggccaggatc	agatgatcct	tggcagtcct	480
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aagcccctgg	tctcagcatg	ataaacgaag	aatcttcggg	ctgggctgtt	actaccttat	660
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<210> 6774

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 6774

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gcattctctac	agatattctc	tattggccca	taacatcttc	tgaaccttcg	gtcttcgccc	120
cggtctccta	cgatccaact	tctttagagt	ccaacgtgat	atcctactca	cctccaagtg	180
cggtacaact	tgagtaccca	accctagtgc	gtatcggcct	atatacctcc	aatgggacgc	240
accccgaaca	atggaccggg	actctcacgt	cttgggtctgc	catcgcagga	agtgatggac	300
aaaggccaat	gcttcagctt	tatctcgatt	cttctaataa	agtttaccaa	gtggccctga	360
cattatcatt	actcgagtct	accgttgcat	caaacactac	aagccccatt	atgaaactca	420
tccctctcga	agctggacct	cgaccgcatc	ttaatcgccc	tgttggtgtc	agtccagatg	480
gcacaaaccc	tgaagatgtc	gctgagaaaa	cattcttcca	gaagtatttg	gggggttttcg	540
tcctcatcac	atttctggct	atgtctggta	gcggtgaaga	acaatgattt	tttttgggcg	600
gtcctcccca	ctattcactc	agagttgcc	ttaatttgcc	tgagaaactt	gcatt	655

<210> 6775

<211> 680  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6775  
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 cctggtccat caaccattgt cgtcttgcat atcctaccga cttcgactct tcgagcaata 180  
 catcttatca caatggcgac tcaacactat caagctcccc cccttcctat caatgttccc 240  
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 gatgtatctg ataccagcac gacggcggtt agtcgcacat ccgccggctt cagctacggg 360  
 tctgggagta tcagcggcga ttacgagtcg agttctgcat cgtactctgg agtcgatgtt 420  
 gtcgatgtct tgagtgaccg catgcagaac gtgtttgacc ccacgccatt ggataaaggg 480  
 ctggcaagac aggcacaggc ttccggacag ctgaatgccc aaacaacgtg aactccttga 540  
 attgcaagct ctgcgccagc gacgactgca aggtgtacgt gccaaacttct ctgacggcat 600  
 caaagtagcc cgggagacta agagggaccc tggaatggac acaaaaaacg agtgagtgcg 660  
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<210> 6776  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (664)  
 <223> n = A,T,C or G

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 aatccctctt cgcaggcgca gccctaggcc tttccctttc atcggcagtt gccacgagg 180  
 ccctgtcgt cgaaggcaac gagccccaaa ccgtgtacga agctgttctc caggacaaag 240  
 acaacaccac tgttcgagga acgttcacta cccatgggtg tgaggatgga attgggattc 300  
 aatttcgtgt cgctcttact ggagttccaa aagatacatt tttaaactat cacattcacg 360  
 acaaccggt gccgaaagat ggcaactgct atgccaccg tggacacctg gatccttaca 420  
 agcgcggtga ccagcctcct tgcaatacaa ccgtacctca gacatgtcaa gtcggcgaca 480  
 taagcggaaa acatggacct gtctggactg ccgatggcaa ctggaagtct tgtacaggac 540  
 tttttctttc gaatgtggag acactatcgc tttttcggaa ccgtcggcgt tgccatctgc 600  
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 nnag 664

<210> 6777  
 <211> 639  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (639)  
 <223> n = A,T,C or G

<400> 6777  
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 atacacatct acacatccat tacaatcgtt tccttgacag ttgttctccc gataaaaaaa 300  
 atgccttcgc cagccaaagt attttatttg gctgtgttag ccttcttgag gctcaccaat 360  
 gccgagtctc aacaccatga ccagaatata tgcgccatcg aacctaaagc cacggtctcc 420

gacgcttgcg	tctcctacaa	caacattgat	tcggtgaacg	aaaaagtcta	ccctttcctt	480
caaaccatac	ccaagaaacc	cgactccttt	aatactattg	gctaattctc	ttaacaaaat	540
ctgccccttt	agtcaaacaa	aaataactga	gggagacaat	ttaagctccg	taacacactg	600
aaggtaaaaa	agattcccga	ccccggggaa	gcaaggacc			639

<210> 6778  
 <211> 377  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(377)  
 <223> n = A,T,C or G

<400> 6778						
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ccttctcttc	gttattattc	tgcgttcccg	atttcattct	ccttcaactt	tctgcacatt	180
gggtcccgt	gtttagtttg	atatcttata	atttccttcc	cgattaacac	ccacatctat	240
actgtacaag	cnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	tnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnaaaaaa	aaaaaaattt	cttggggccg	360
ttaaaccctg	tttttaa					377

<210> 6779  
 <211> 608  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(608)  
 <223> n = A,T,C or G

<400> 6779						
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cttcaccct	ggtttatatc	ttcctgggcg	gttaatactt	ttatatgtgt	ttttttatct	180
gtcgtagta	ttgtgtgcta	cttggcggtc	gcatcttcat	tccagtagat	atttacctaa	240
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atangactca	ctagcagttg	tgtacagaga	tngtacattg	gcgtttatta	tcctttttcc	360
ccccacaaag	gtatcttcaa	cccttcctct	tgcctttcac	ctctgccgct	tttcacactt	420
ttccttttta	atccaaaaat	aattccttcc	naatcaaagg	gggtgaacca	aaggttcacc	480
ttgtgtgtcg	ggggattgcc	cctccggatc	acctttggaa	aaaaaaaaaa	nanaaaaaaaa	540
aattttggag	ggcctgtttg	ggtttcccaa	aaaaaaaaaa	ccnnnnnnna	aaannnnann	600
anannnan						608

<210> 6780  
 <211> 617  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(617)  
 <223> n = A,T,C or G

<400> 6780						
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cggtttgtgg	cactaataac	aatcctagaa	gtgcacccac	aatcggttca	ttcataccgc	180
atataccata	gatggataat	caccgggaca	aggacgggaa	ctcaactact	agaataaata	240
taaccagacg	cgcacttgag	tgtatgctta	tattcagtac	cctgggttgt	attcaactat	300
atatcacaga	ctggttcttt	atggagggga	actatgaacc	tatttatacc	gtatgctgta	360
ccgcgtctaa	ctctacaata	atgtatttct	acttgagata	tangtagtcg	tgaagttacc	420
tgtaaagcata	ttgctaagaa	tgcatttcagg	aaacttggaa	canaaaataa	tacagactga	480
atatgtcttg	caaggaagaa	aaaaaaaaatt	cctgcggacg	attaaagctt	gcttctaaag	540
agggccaatt	cgcccttaaa	gggagtcoga	ttacaattca	actggcccgt	ccgtttaaaa	600
accttcggac	tgggaat					617

<210> 6781

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(649)

<223> n = A,T,C or G

<400> 6781

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atcccagtcg	ttgcatctct	acctatcaag	ccggtttaga	agggcggctg	ttcaatatgc	180
tagctgttac	caagcagagc	gatgcattga	accaatcgac	aacctttccc	cctccgagaa	240
atacgactct	gccagtgcgtg	gcgtatttcc	atcctctgga	ctatccggat	cagattgagc	300
aatggtgtag	cggattgtgc	caacgatggg	ggcaaggcaa	taatagcacg	aagttctgct	360
tcgatgagaa	ctgggatgaa	gcagcggttc	catttgcttg	ccaggagcat	aagggttaacg	420
ggacgggttg	ggagcccaac	gcgctgtcgc	aaacgagctc	ttggatgtgc	caccccgcg	480
ccatcttata	tgggtgaatgc	aacgggtccg	cggcgacgag	gaatgccacg	aaatggacca	540
tnctaccgga	gcattatgag	atcgatcatt	gtcttgtaac	aaatgccagc	catacctgcc	600
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<210> 6782

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(641)

<223> n = A,T,C or G

<400> 6782

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cgttcgggtt	gcaattatgg	cgcgaagaag	ttcccccgtc	atgccaaagg	ttggttcttc	180
gtttcgactt	tgcgcacagt	gttcgtgatc	ttgttctata	cgatgatcag	tgccgctgtg	240
aacttgcacc	ggcgggtctaa	cccgcggttc	aagctccttg	gtaaagttcc	tcgtggtttc	300
caacatgcgg	ctgtccctca	ggtaaattcg	aggatcatca	gcgcatttgc	tagcgaactt	360
cctgcttcga	ttattgtcct	gcttatcgaa	cacatcgcta	tctcgaaatc	ctttggccgt	420
gtcaacaact	acacaattga	tccctctcag	gagctgggtg	ctattgggtg	gtcgaacttg	480
cttggaaccg	tccttgggtg	ttaccacagc	actggatcgt	tctcccgaac	tgcaatcaaa	540
tcgaaagcgg	gtgtccgcac	cccacttgcc	ggtgttatta	ctgcggttgt	tgtcctcctc	600
gccattttac	ctctggccgc	tggcttcttt	tacatccnga	g		641

<210> 6783

<211> 795

<212> DNA

<213> *Aspergillus oryzae*

<400> 6783  
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aaggaagctt gtgccttcct ggcgatcctg caccgcacct tcaaccgcga ccgtaaagct 180  
cttctccagc gccgaattga tcgccaggcc gagctcgaca agggtcactt actcgacttc 240  
ctcccagaga ccaagcacat ccgtgagaat gacgcctgga aggggtgctcc tcccgtccc 300  
ggctcttgctg accgtcgtgt tgaaattatc ggcccgcagg accggaagat ggtggtgaat 360  
gcgctgaatg ctgatgtctg gacctacatg gctgattttg aggactcgag cgccccgacc 420  
tgggaaaaca tgatcaacgg tcaggtaaac ctgtatgatg ccattccgtc ccagatcgac 480  
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gctcgtgccc gtggctggca cctggatgag aagcacttca ccgtcaacgg agagccgatc 600  
tccggtagtt tgctcgactt cggctcttac ttcttccaca acgccaagga actggtggct 660  
cgcggtttcc gggccttact tctatcttcc taagatggga ggtccatctg gaggccagac 720  
tatggaacga cgtcttcaac ctggcccaag attacattgg catgcctcgc ggaaccatcc 780  
cgggtactgt cttga 795

<210> 6784

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 6784  
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tgatgggtccc gatgtcctta gatgggttga ccggatgctc atcaggctct gctcccgtt 180  
tgcggtattac agaaaggacg acccaacttc attccgactt gagaagaatt tcacgcttta 240  
tccgcagttc atgttccatc tccgcagaag ccagttcttg cagttcttca ataactcccc 300  
tgatgagaca gccttctaca gacacgttct taaccatgag gatgttggtg actcccttgt 360  
catgatccag ccgaccctgg attcatactc cctggaacat gaaggcagcc agccggctct 420  
tcttgattcg gcttctatcc agccttccca cattcttctg cttgatactt tcttccatat 480  
ccttattttc caggttgaaa ccattgcaga atggagaaag gctggctacc aagaccaaga 540  
acgctatgag aacttgaagg ctcttcttga gcaaccaaag atgacgctag agaacttatt 600  
tcggatcgct tcccactgcc tcgtttcatt gtttgtgatg ctggcggtc tcagg 655

<210> 6785

<211> 880

<212> DNA

<213> *Aspergillus oryzae*

<400> 6785  
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gaagaagcag tccgatgtgg tccgcttcct tctccgtgtc cgttgctggg agctccgtca 120  
gctgaacgct atccaccgtg ctcccgctcc ttctcgcccc gataaggctc gtcgtctcgg 180  
atacaaggcc aagcagggtt atgttgtcta ccgtatccgt gtgagacgcg gtggccgtaa 240  
gaggcccgca cccaagggtg ccacctacgg caagcccacc aaccagggtg tcaaccagct 300  
caagtaccag cgtgctctcc gtgctaccgc tgaggagcgt gttggccgcc gttgcgcaa 360  
cttgctgtgc ctgaactcct actggatcaa ccaggactcc acctacaagt acttcgaggt 420  
tatccttgtc gacccccagc acaaggccat ccgccgtgat gctcgcataca actggatctg 480  
caacgctgtc cacaagcacc gcgaggcccg tggctttacc gccactggca agaagtcctg 540  
tggtatcaac aaggggcccc ggtacaacaa caccaagggt ggccccgcc acacctggaa 600  
gttccccaac acccagagct actggagata ccgttaagcg tagtttggtg gaaaactggg 660  
gttgtgtgtc gtggaaaaaa tttcattttg aggatgggtt tatttcgacg aaaactcggt 720  
tttatgacta tatccttgaa atgggtgcga gaataatgca tcagatcttt cggatcggat 780  
gttagcaaaa atcttttctg tggttcaatt tttatatcc cctaacgaag tatgactgtt 840  
tctgttcacc cgcttggtga acaattgttt tcgactgttg 880

<210> 6786

<211> 689

<212> DNA

<213> *Aspergillus oryzae*

<400> 6786

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gatagagatt	gggattggtt	gttgtggaga	tggacagtaa	gtcagccttc	caagaaaaaa	180
gtcacggacc	tcattgctgg	ttgtaaaaat	aaactcgccc	tcgggagacg	cacgctgctc	240
cgccatccaa	aaaccgcttt	cagacaatgc	tttcgttcta	aaaacgattc	tgaagttatt	300
acccattact	tggttcaccg	agccataggt	gatgcataca	tcagcataga	cagacgccag	360
tcgtccgctt	tccacatctc	cagctactca	gatctgcgaa	aagaatacaa	agaatcaggt	420
tatacccatc	ttttgccgat	tatcaatcgc	tttgatgtgc	ttcgtcagtg	gcttgggggtg	480
tgtgacaagc	agcattcatg	catgcgggaa	aggtctcaag	tcgtgccaaa	gcgcgttatt	540
ttcgttgga	cagatcattc	agatcagctg	caaactcggg	agtcgggcca	cataacacag	600
ccttttgact	atttcacgct	attccactgg	ttgggcaagc	ccgcccgatg	aagagatgga	660
gcgatttcgt	tccacgcctt	caaaattct				689

<210> 6787

<211> 496

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(496)

<223> n = A,T,C or G

<400> 6787

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taccggaagc	cgatttatgt	ttatcttcat	cttgaccatg	tgcattttat	ccggagctcg	180
cttgctgggt	gagatgctta	cgacgactga	ctttgtttat	tcttgttcgg	gccccctccg	240
tccctattcg	cgggcaatga	ctgcatgatt	gaacttgat	tcccacggct	ggctcttctg	300
ttggacttgg	tcgcggggtt	gagcgcatt	ttgtgttggg	ctttctgtgt	ttcggctcgg	360
tttggttggg	ttggtataga	ctaggcgaat	tggttaattc	taagagtaat	aggaaagatt	420
ttccagaca	agtgatgtat	acgacattgc	ctggggaana	nnnnnnnnnn	nnnnnnnnna	480
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<210> 6788

<211> 636

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(636)

<223> n = A,T,C or G

<400> 6788

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ctatagtcaa	gcacacagtg	attgcgaggt	aaagctattc	aactgcgtca	caccacggct	180
accgaatttg	cgcaacattc	gaaagggtgt	ctttgctggg	attcttccag	taggggcttt	240
ttttttgtcg	tttcaaacc	ctccaatccc	cagcacgtat	ctagctatga	ctactcctat	300
ggtggtatac	aacaacatct	catgaagaag	gcattgagaa	atccgttcgc	gcattccgacc	360
catcgaggcg	atctctccct	tattgcacaa	gatgccaaac	aatcctgagc	caccgtatcc	420
catgttttta	tgatgccttc	ctgaagcccg	tcagtattta	taaaccaaac	ttactcaggt	480
gaagggttta	acatccggag	atcaatggga	gaggaccttg	ggaactcgtc	acagtcagta	540
gttggttttt	gaatatatac	gtgccttgct	cangnnaaaa	aannanaang	gncanaagaa	600
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<210> 6789  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

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tcatctacac cccctttatt ttattttttc tttctcaaga gctggcattg tgccaatcgt      180
ttaacaagga ttttagtcaa tcatagaggg tcctactttt tggcgttgag atacaggggtg      240
gaaaccagat ggcggcgggt tgactttcgt tgatataccg aagttccgga tgcattttgc      300
atacttcttc tcgctttcag ttttcttttt ctttcaacttt tacttttctt tgtctcttct      360
atttttccat atcctgcttc ctggttcgat tcccctagtc tgcaagggtt gcgggctgtc      420
attattatgt gtttacgatg agtcttcata cccatggaaa tactccatct gtttcgtgtg      480
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ggttgatgtt ttggaatcta tttctgtttt gctcttagga gtttattacc atctatatta      600
ggtcacgtaa atctgtttgc tgacactgaa agatacggnt ccttgagtat actgcattgg      660
ttggatttag ggcaatn                                     677
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<210> 6790  
 <211> 691  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(691)  
 <223> n = A,T,C or G

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aatcccgcga ctgtttgaaa atttttcttt tttttctatt gtctttgttt ttttcattct      180
cttccgaagc aacctctttt tttactccag actacagggt ggtaaactact ggagctcagc      240
tttccatttc ccgttgtttt cggaaatacc gcgctctagt gcaattttac cccaaggag      300
aagagcaaac ctgagggett ttcttcttaa ggctccccc ctcttcccg gacgtccgtc      360
cgctcccggt ccttagttac atacatncac accctcttc ttttcttcaa ggcccaaaaa      420
ggtgccagcg tcgataagct attcacgccc aacgatagat cggctgagag ctagtgcatt      480
ggcctgctgc tgctactgca cactccaatc ttccggtctg cccttcgtgt tctcgtcac      540
ccggttgatc tatcaaacct tcccagggtg atacccaact tttgttaact gcgccctgtg      600
ttgtcttoga aaaaaagaag aaggctcgac ggtagatctt cggaacctac tttttttttt      660
ggcaacacat accgggttgg gggaaaaacca c                                     691
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<210> 6791  
 <211> 670  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

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aatcgagaa	cttctgcccc	acgaagacag	tagggcagat	ggcgatgtat	ggtcggcatc	180
gataggggaa	gccaactctc	actccaagga	acggctgata	gaggatactt	taaagagcag	240
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gggctcagta	tgacgctaca	cctgggaggg	acccatcggt	gaaaaacgcc	gctcctaattg	360
cacggtcggg	gctttcagca	caggacatgt	cggaggcgtc	ctactttttc	gcgatatgcc	420
gatgtgcagc	ggcgaatggc	aaccatggac	cgtcngnaga	acaagcgga	ctctcgacat	480
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tccgagaacc	aactggaact	taatggtcaa	ggngaacacg	gcaaggcaat	gganacaacca	600
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gaaaaacaan						670

<210> 6792

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<400> 6792

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acaatcaggc	aaaatcacac	ggcaaaccct	gaatcgactc	aagcggcagg	aacccatcat	180
ggccaattca	gcggaccatt	acccattatt	ggtacctgca	atcctggtcg	ttcttaacct	240
gggtgtgtcc	aatgatataa	ttaaccgcat	tggactatgg	tatgcggaat	cacggttggc	300
gttcgggttc	tgctacaagt	ccattgagtc	tctcaaactg	accttggttc	gttcggcctt	360
ttggtggtca	ggcaatattg	gctgcttcac	cgtttttggg	tttgctcga	agaaactgtg	420
atcgtaacta	agtttcagaa	atcttcctct	tcaactggga	tctttccctt	aatgccacca	480
aggaccaaga	ttacaaggaa	tcacaatgca	aatgtgtaga	tcagttgcgg	gtaagtggag	540
gtcgatacga	gcgttttgaa	ctttccaaag	tttcattga	gtccatgaaa	ttagatcctt	600
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<210> 6793

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 6793

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cgaggaggat	gaagatgacg	aaacatccga	tgtgtccgag	gagctggtct	ccgggcatgg	180
caccagtggt	caccgggac	tcaacgaacc	cccatttcac	gaggaaatgg	caatgaatcg	240
cccgttacga	gacctattcg	atgaagcttt	tactcatcg	actttgcgg	cacctatgga	300
acacctgaac	cctcaacttc	ttcccctg	gggactccg	ggtattcctg	gcggaacttc	360
tacgttaggg	taccacctta	tgcccttgg	tggattgtcg	gggacacaaa	ctccccttgc	420
tgcggttgca	ggcggtacac	cgttcgcaaa	tgggttgact	gacctggaa	tgggcgcaag	480
tagcaagggc	catccatcca	tcttcggcc	gactgcggtt	catccatctc	gcatggaagc	540
tgatattgaa	cctagcaatc	ctaccttacg	ccccttcgaa	ctcttacacg	gctttcttca	600
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<210> 6794

<211> 744

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 6794

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gtttgagcgc	cttgcaaatt	tcatcatgga	tcggtttact	tcacagccac	ggattggagc	180
gcgaaattgg	tcgtcttctg	ctcctgccgc	tgtggaggca	cctccaaatt	tcgactcgaa	240
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tcattttgaa	acagccaagg	attggctagg	tagcattctt	cgtgaagagg	ggaccgttat	360
tgacgaattt	ggtgaagaag	ctttgtgctg	tttgtgattt	ggttgtgcat	tttttcagtt	420
tactttctag	ttcaatttgc	gggcaatagt	cccgatcctt	tgcattgcagg	ctgaccgcca	480
caaaccaaaa	acaagaggac	tgtggaagtc	tatcagatga	tacccaaaaac	tggatcctgg	540
acgatctaatt	ctttctacat	atcacatttt	gatgccccaa	atacaaagaa	catgtattgt	600
ctcgcaccaa	tcatattgcg	ttgggcaaaa	ataagaaata	gttaaagtag	ctcncaaaaa	660
aaaaaaaaaac	atcgtgcngc	ctcgtgctga	aagcgcagcc	gcggtcggaa	tctcctaatt	720
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<210> 6795

<211> 704

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 6795

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agaggagggg	tcctcatcgg	tcgacccaaa	cacacctttc	atccagacgt	ctagtgtcga	180
agatgacacc	gagacaatcc	ctgattctga	agccactcca	cggccggtcc	atacccttc	240
actcggccta	gattcggaga	ttacacctcg	tcaaggagga	cgatagaatg	tttacgttta	300
cacttcgggt	ggaaagatag	actgtttgcc	tttgatttag	aaattgctga	ggacgcaggt	360
gtgtcgttgc	ctagccaaat	attctgcatg	tttctgtgtg	ggttatggcc	ctatttcctt	420
ctctggattt	ttttttctct	cccttttcac	ttgtctgata	ttgcggtcgg	cccaagttac	480
tctccattct	gcttggtttt	ctttttcttg	gtggttctca	ttccattntc	ccttgcgng	540
gtttagcggg	ggttcggagt	gattgatatc	atctcaatcg	ggtcatttgg	agtctttctt	600
ttcttttcac	ctttcattat	ctggcttnca	ctggttgtgc	accatatcca	ttcattccat	660
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<210> 6796

<211> 734

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(734)

<223> n = A,T,C or G

<400> 6796

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tatcccggct	atagagggaa	caacttattt	acaaacggca	ctggtgcaga	agccaacggg	180
ctcggggtag	ctatgagccc	caacgcaaca	gacagcaact	cctttatata	cccctatgga	240
caacaatgga	tctatccttg	cggaggtatg	cccacctcaa	cgaacagaac	caagtggcct	300
gtcagcggcg	gtgcggtctc	tttccaacct	ggctgggtcc	agggtcacgc	cacagcattc	360
atctacatca	acttaggctt	gggaaccgtg	cccgataata	tgagccatcc	catgatctca	420
ccgttccaga	tcaacggtcc	ttctaattgag	ccgtacccgg	gcacagtttg	cttgccacag	480
gtcccgttac	cggccaacat	cagcgtgagt	ccaggcgacc	acgctacgat	tcaattgggt	540
gagacggcta	aacatggcgc	tgctttgtac	aattgtgtgg	atattgaatt	cgcagaacct	600
gaggacgtcg	ccgaggtcac	ccgcgataac	tgcttcaact	cgagtcatat	caccttctca	660
cagatcttcg	ctgcgacgtc	tctgacgtcg	ggtgctgttg	cacaggggtac	aacgagaggg	720

<210> 6797  
 <211> 538  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(538)  
 <223> n = A,T,C or G

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 cgactagtgg aggatatgct gcacgcttct aaccaagacc gggaacttga cgatcgggtt 180  
 actgttcatg gcaaaccatc ggtgcggacc tggacgatcc ttatgagcgc cttcaccttc 240  
 aataaacagc cacttgccgc ggagaagggt cgggagatga tggccanaca cggagtagaa 300  
 tacaaccagg ttacctggaa cacggtcatc aacacctatg caacgcgcag aatattgcgg 360  
 aggttgcaaa gtctatcaag ccatggaagc tcaagctatt cgatgattca tatacattga 420  
 atgtcttccc tacctcaaaa atcaaaccgc ctattgtatg cggtaaaaga actgaaccag 480  
 gcgaccgatg cttcgacga tttgggaacc tccttggtat aaaggcttta aacatgaa 538

<210> 6798  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6798  
 aaattatact tgcagctcat ctactgcata tatattctcg caatggcccc aacagaacat 60  
 gactatcagc cacaggagtt tatecttact cggacagggc cattgcgaat taacatgata 120  
 attgccccta aaagagacga gcataattcc cgttactttg tacacatcaa tgggttattc 180  
 cacgataaca cggatattac cttgcatgcc agcgacagca agaattggtcc gatcctcggg 240  
 agctgcaggg tcaacaagtt ctacaccact agaatgcacc ttaccctcgg tgaccagcaa 300  
 tcataattga tgttctcacc gcaatatggc tgctatagct ggtctctaata ggttattcgt 360  
 cacactgagg ggaaagtcca acaaaggcgg gaatttctat ggaaaaggac cgaagcatcg 420  
 cgagtctcag gcctgctagg cttggaacta tgtggtgcag acacgtctga catttatgcc 480  
 gagtattttg gaggcggcgtc agggagtctg aaggcgggca aactgcggct tagatatgat 540  
 ttgggcgaca tttggaggac gatggcactc ttgaccctgt ctgcattgat agaaaaggag 600  
 aggcaacgga gggctcgaca agggcatact agcattgcga tgcttagttc ctagagtaca 660  
 gacttggttt 669

<210> 6799  
 <211> 722  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6799  
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 ctcttgccgt tgagtaatct gttcttcacg aaacccaagg caaaatgcgc cattcagtat 120  
 cagatcccga cgtggacgag aagcttctct ccgatgagga agctacttgg cctcgtgaac 180  
 agaagaaaaa tgagagcctg ttcaagaaat gtgcaaaata tttccttttt gttgcagtcg 240  
 ccgtattctc ctgcttagta ggtgttggtt ttggacgtca gcaacacaat ctcgataagg 300  
 tctgcactcg acaactcaca caatactccc cggatgatccc agaagtcggg atcgaatacc 360  
 accaagaaca gtttaatggc tcgttcttaa aagaaaacat ttatcggcaa gaagcaagcc 420  
 ctgaagtaga tgctgcgtgg gaggtctctg gtgtcaacta cagaagtott agagtccctg 480  
 cagaagaggc ccaaaagtca ggacttggcc ctgaccagggt gaagatcaac gaaaagtatg 540  
 gcggagggtta tcttgcaaat gttgaggggt tgcactcatc gactgtctg aacctcctca 600  
 gacagtccct ctactacaac tacgactact atcatgaaca aggccaaagt gccttcgtga 660  
 acgaagatta tattgtccga cgccacgtgt cccattgcct ggtcatcata cgacagcagc 720

<210> 6800  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 6800
gcacattctc ctcttttatcc agaacctata tcgacattac atctgtatcc tatctcattc      60
ataaactcaa ccgttgcgag gcaatatgaa gatctctact acttttctct ataccttcct      120
cgccatcacc accctgggagc tcgagagccc cacgggaaac aacgctgttg ccgccgaaaa      180
tgtctcgctt gcttacgttg aaaccgagtc tttcttcgag aagcgtaagg gctgtagcgg      240
cgacaggaaa gattcagacg tgtgtggcgg aaagaggctc gcagaacaaa actcctttca      300
taactgtaag gggaagagca agggtaaattg ttgcgccaaag aattcagacg ggacaggagg      360
aatcgacgtg aacaagggcg gtggtgaaac ttgtggctat tgcttcagtg gcaaatgctc      420
gggctgattg gccttagcat gaggatatct cgcattggcat cggaaggagg atgtccagaa      480
attcgttata tagaggatcc ttgaaattgc cgtctagtcg gtggtaaata gcccatgttt      540
gattctacca aactcgagtt tgtcatgtgt gtccagaata acaattcact taaaacagtg      600
tccatatggc aaaaatatat taccgtgggg aaaaagatgg acaaaaaatt tccggggggg      660
gccccaa
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<210> 6801  
 <211> 637  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 6801
caagtaatat tctagctgga ttatccaaag tgtgttttat gttgtccttc catggtatct      60
tccaattcgt ttgctgacag catatgccat tccataatgc cctttaaaca acccctctac      120
cgtatacgcg atagccgtca cgatgacgag tgacattatg tctccaatta taccactaac      180
tggattaatt acataccctc gctatgacat cccctcaacg cttaaacggg tggcaccctc      240
cagggtgtac ccgactctca tattatttca caacattcca cgggcactgt cgctcaagt      300
gatagacaca cgcattccat gcttcacatg tcccatttac aacatacatg caacttcctc      360
cgtatcactc agacacgtcg ttctctcatc tatcacacac cacgtcacca gagacatttc      420
gtgtcacagc ccacatacca ttacctatct ttacactacc acgtgcaatc tcatgcatga      480
cacacgctca caatatgatg acatctctcc atcatcacac ctcatgacta ctttatcaga      540
tgatacacta cataattcta ccaactcaatc acccgattcg ctaccactac gagacgttat      600
cctaaccata tcattgtaac atacttgcca cctatcg
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<210> 6802  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

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aactactcaa agtcttggtt ggcttggacc tgnagagtcgg agaaacagct ctgccatatt      120
agcaactgga tggtagcagg agaacaggct gaaggtaaaa cctcgggaat caatgtgcca      180
cgtgcgaaaa atcttggttag catgtgtcga tcgtgatcga ctcggtgac catccacaaa      240
ctgtcaacat tgctcataat cagagggcaa ggctttctca ataccacatc ccaggatgac      300
cattgttaag tcacaaagag cccacaggca gtcgatggaa tatcatactc ggatgcaggg      360
gattcaccga gctgccagag gtcgttttag cgggcggtgg cgaagtctgc acaattgaca      420
taagtatagc gattgcctag ctgcacgaag tgtagcataa gcccacctat tcacacgac      480
tattcaacag atatcttcac cattcgga caangggaat agagaagtga cttcgccctc      540
cacagggctt atcttttgac gcagcccgac tctatttttt ttcttacta cgacatttta      600
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tagacggctc atcatttgtg gcattaccgt tcttcacgc tgtatatacc ttaaagaact	660
ctttgcttac ttga	674

<210> 6803  
 <211> 350  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6803	
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ggctggagca tcagccacct tgtctggcat gatccgttgc tcaccctgtg tcctgcgcga	120
agagatgggt agccggttca ggcagcgatt ttcgaaaatc ctgatcgaca accctcttcc	180
aaaacgcccc aaaatccttc ggtctggctt gtcaacccct gtttcatgtg gggctggaac	240
cccaacaccc gagcatgctc gactcataat cacgagacac ggtgcacttt taggtctcgg	300
tgcactcatg cagcatttc cgttcactag ctgcgcgcc acgtgacatt	350

<210> 6804  
 <211> 606  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6804	
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acttcttttc tcaactatct accaatttat ccaagcaaaa tgtctgcacc agttgttcag	120
ggcctctcct ccttgggctc tcaggccgga cagtatgcca ggcgtcaggc caacacatgg	180
agggacagac tcttgactac agacaaatcg cgccgtaggg cacagattgt tcagacctcg	240
ttcgcagtc accgccccgt ctgggttacg gctggcggtg ctgcatacac gactgcagcg	300
gcagcacttc tcacactgcg atacatgaaa cgactaagat gaatggttga aaggaggggt	360
aacgagatcc ttgatggatg gtgacaggga tgtttctggc aaacatacac atacagcggg	420
ggactggctc acgactgcat tttcatttcc tttgtgattt tttttttttt tatttttgac	480
ttgtgatatg tgggaaatac ttatttttgg ttattgggac aggtgatttg tctatagcca	540
ccctgatggc agggatggag ttacagagtt gttacatcca ggaaactcaa tgaaatgata	600
atcaat	606

<210> 6805  
 <211> 732  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

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ccgtgtatgg ggtaacatcc tagacggagt ggtagtatgg ggaattacca agctcatggg	180
cgaatcgttc aagcttcact cgcaggcctt ggttggctac gaagactcat tgcgcgtcgg	240
caaggaccaa cctatccacc caatgccaac gaagacactt gctagtgtag gcacggcgta	300
ctaggcgatg agtatgtcgg cttcggagtt ctacactata atcaactatt tttcaaatcg	360
ctattatgct ctttttggcc ctcgggcgag agttccactt ctctgttttc tcgctctgac	420
tcgggtccca ttcattcattg aacgttttcg ctttttcttt ctctcgtttc ctgggcattt	480
ggacactggc ggaatctcgg atttttaggg tcgggatgga ggagcaagaa ggtgggcggc	540
gaagtttgat ttccgggttat ggaatgctat gatactgaac cgccgcataa tgcttcttgc	600
tggtgtctnc tgactgatgt ttgttcgtcg cttaatcggt tgttacgtct ttccttgcgt	660
cggttatggc ctttccctgt ggtttttaca agagctcacn agagtccggg gtggtcattn	720
tcttgtttca cg	732

<210> 6806

<211> 648  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6806  
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 acatgcctat cagcaatccg gacaacagaa aggagagggt tcccaaggag atcccacagt 120  
 cgttgttccc gttcgaaaaa atactaaagc ctgaattgcg agaagaaatc aaggagttca 180  
 taaaggagca ttgcagtgtt gatttggata aggagtgcga gaagttcaaa gcgcatcacg 240  
 aaggctctgc cacctccgct gccgcttcag gcccttcgta cagtgcgcgg gaacgaaagc 300  
 cgtaccaggc gtctgtttcc accgtagtag acagcgatga ggaggaactc gacactcctt 360  
 cgcgttccat tgaacgacag aggaaaccat acaccgcgca tccaggagggt gggaaggagt 420  
 atggtgacat tcaagaacct aaccatcgac atacatcctc gttctctggg ggctccattc 480  
 caagggatac tttaacgtcc tcggagccca gagtttccga gtatcagggc cttgacccta 540  
 cttacgttcg acccagcact ggtcagcctc cttcaccacc gtgaggcggc aagggagccc 600  
 gccacgagga tccagagtag gtagtgaata cagacactct gaggggtga 648

<210> 6807  
 <211> 711  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6807  
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 accgtggggc aacaatagac ccagaaattg tgaagcaaag tgccgagacg gtcacccaac 180  
 atgcagagtt attcgaagct cttttagctc cttacatgta tgggaaaggg gatattacac 240  
 ttttaccgcc cttttagtaga tatggtgctt tcatcacagg tggtgtgttc ttggctactg 300  
 aggtctcttt tcaagacaaa acctcacgaa ggcctatccc cggaacactt ccagagagcc 360  
 gtagattgtc gattgtccag gggacccttc gcttactcaa caaacttcga ttttattgga 420  
 gggctctaca gctttcttgc agtgggaaaa gcttgacgct gcgttgacgc tacatctatc 480  
 atgctacaga acacagcacg aattaaccag cccacacgcc atcacggccc gcgaaatcta 540  
 ctcttcagaa cctaaatcac ggctctcagc tctgtatca gaagactcta tagataacga 600  
 gcagtccagc gcccgcgaag catcggtacc ttcgataggc cccctcggcg agcatctgca 660  
 tcaatgggcg agtgaccgga gaaactctga agtcgatgca atgcaacaaa a 711

<210> 6808  
 <211> 733  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6808  
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 ccagtaggac taaatcgctt ggggtcactg atgcaactca tctccagtca tagcctgcgt 120  
 tgccctctgca tgatggttca gcatgcatga agttctcctt ttttatcatt ttcattatga 180  
 gcgttgtgta taaattcttg ggaaacgtcg acttattaca ccaactgatga tccagggatc 240  
 aaccacatc atttctcttt acctcggttc ctacgcgtacg gtacactggc ataaaagtgg 300  
 caatgttttc atagtaggat taactggtaa gaatatcttt gtcaggccag gatagacgat 360  
 gaattacccc caaaattcct tggcacaaaag taatgttagg ggtattcaat cgactccaac 420  
 ttggttaact ggcgttacac ataaggcatc agggccccgt gctttcctaa tttcgtcgct 480  
 aacatgttac actttcctaa cttcatcaat ttactttgcc tattgcccc ctcagaatca 540  
 aaaggtttcg ggtttcaaac tttgctcctt tggccctttg agctgctcac ttggcctttg 600  
 tccggtctgg ccattggggc actggacctt ttccccaact tcggtgaaca cccctaactg 660  
 gtgttcaaga ccaaccgggt ttgggctccc acatcaatgg ggtgcgaacg gtattggaac 720  
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<210> 6809  
 <211> 586  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6809  
gaaacaatcc catttgcctt aaaaaaaaaa tggggcaaaa gggtccaaaa acccccgtt 60  
tttttgtcca tttttcaaaa actttttacc caaaattaaa agaaaaaaaa aacggcctta 120  
atctttacta attaacccct ttttgccttc aagggaacca taacctttga atgccggggt 180  
tcccttaaac ataaagcccc cttttgggcc ccattttacc ctccctggta aagcaaacc 240  
cattttttac cgtaacgcct ttttaaagga cataagccca aaacttcttt ttaacccttg 300  
ctgggggaact tttcgttgaa agcattcaca gcaatggcaa tttggcgggc caaccaattc 360  
cttaaaacttt tattctgccc cgggataaat gggccattta cccccccctt ggagggaaaa 420  
ctcatgccag ggcccttttt aaaaattgtt tggatttcgg gacaacgttt tccccactta 480  
atgtgggact ttttgggtgcc cacaaaactt tttacgggct tatttgaact ttaacaactt 540  
ttttttcccg ggagagtttt aaaaacccca attaaatccc ccttaa 586

<210> 6810

<211> 679

<212> DNA

<213> *Aspergillus oryzae*

<400> 6810  
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ctgctcaatt ggacgagaac cacaagcttg ggctagatgc cgccacatcg ccgaaagagg 120  
agaaacctgg cacagagtat actcgcaagc gtccacctgg agttcccga actcttgaa 180  
ataaatcaac gtcatttttg gagcaaaagc ttcaagagct cacaacctca accccaagg 240  
tcctaagcac gagtcagata ctgcgcatte tgatcagaga tcgccatgta cgccccgagg 300  
tacgacacta tcgggcacta ttacgcgcca attcggatgc agaactgga tcgccagaag 360  
tagttcgaca gctactggga gagatggagg cgaatggatt tacattggat tctggaacgc 420  
tgcacacggc attacaggcc atcgcatte acccagacta tttactacgc caggagcttg 480  
tgcgcaacct tcgagatcga tggcttccac tgagcccga tggttggcat tatgtggtgg 540  
ctggccttgt gagggagcat cagttcagat tggccctgga tcatatcgcg cacatggaga 600  
gaaaggacat gccggttgag ggttggttac acagcatgct catctactac ctgtgcgaat 660  
ttgaagagtt tgacgaggg 679

<210> 6811

<211> 614

<212> DNA

<213> *Aspergillus oryzae*

<400> 6811  
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gcggctacaa gatcgtaacta ctcgattgag accaaggcgc atcgagattc ttaccacttg 120  
tccgatatca aaggcagaat cggttatgaa gatggggaga aggtttggag ggagcagcag 180  
ctcccgccag tactccaggc tggctcctgcg gcggattcca cagacgtagt acggaagtt 240  
ctccaccccc agccgccccaa tgacgacttt ctcaacacgt ggaagtcgtt tgtatctcct 300  
ggagcagacg tccggatatc cgaggacgct ggacgctacc tctgcgagtt catcttttat 360  
acaagtctgg ccagggcgtt tcaacaaggc cagcaccgaa acgtcgtttt cttccatgtg 420  
cctggatctt gcgccgacga ggacatcgag agaggcacgg atattgcagc tggattgatc 480  
aaagctcttg taagatgttg ggttagcgag caggatataga gcggcatgca ggttgctggt 540  
atcgttttgc aaagcaagag catgggcact ggacgatata tatacttgca tttctatggc 600  
gcggtgcact atct 614

<210> 6812

<211> 550

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(550)

<223> n = A,T,C or G





<210> 6815  
 <211> 575  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6815  
 cgaggcagag atacaaacaa aaagcgtcaa ttctcaacaa atgccagggtg gctgagtcgg 60  
 ataagcctgg tagatatcta ggtacatggg ggatgattaa atagatccct tattacgacc 120  
 agaggcggtt cacacccgtg gtgaaacgat atgtcgccgc ccaaagttaa tttatggctg 180  
 tgaaattggc tggagttgga gataacggct ccgtccgaac gtcattcatc aactgatcat 240  
 caagaccgag cgcgccgcaa cgagggatat aggtcgaatc accgatctca gcttactcca 300  
 taattctcct tctccaatgc gaaatatctt catccgcagc gtccagcata cagctctcgc 360  
 aacatgtctt cattcactca gccgatgcca gtagttgcct gcggcagaat acccgcgatg 420  
 gggaaatcaa tctcccagca cctacggcct gaatatgaag gttctttctt gatatacatt 480  
 cccgaaataa acaaagtatg gtgccaatac tctcagtc tccacttcat cttgtcatac 540  
 aaggctgcaa aaactgagct cccgcatttg cttgc 575

<210> 6816  
 <211> 647  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6816  
 ttgaatgagt catgtcttcc gtctcgggaat ctctgtgtctc ataacttgcc ttctctcgat 60  
 cccgccgaag ataaccctat gtacctccct tagtcagcaa tgcacgttat gctccaactt 120  
 ccacttggag atcatcttgt gtggcatgaa tcaactacag taaccagcag gaaacccgtt 180  
 cctcctaata tcaaggactc tctcatcgac tttgacgagg ttacagccgg agcctggctc 240  
 cttaccgtat ccggcgcatc cagtttctca gccaacacct ggccgttact tattcaaatt 300  
 gaggggtactg ccgacatttg atggtcttgt cccttcagat actgtaaaac cgtcaaggag 360  
 gacaataatt atcatggagc acctgagtag cgcccagaaa aatgaccttg gaccttaata 420  
 gacgtgcctt atggaatcgc cacaatgggg gtcccctggg caaagaacgc ctttccctat 480  
 ccgcaatttt agaccgaagg ggcgaagaaa agatgaccaa cccaaccccc taggaaagaa 540  
 gattggagga acgggttttc acgcggcaaa ccgggggaaa aaggaggctt tactccaccg 600  
 gcatggggag aaaaccacca tttgtgatct tctccctgag gtgggac 647

<210> 6817  
 <211> 701  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(701)  
 <223> n = A,T,C or G

<400> 6817  
 gcggctgagc tgactactgg gcgggttnat attatncttg acaagactgg aacggactga 60  
 tgtataaaca tttgtcaatg tagagccttt ccaagtctat tcctcgctat cggatatctc 120  
 gttgcccata agcactttca atgcagaaat ccatttcatc acttcgtgtt gcaaagcagt 180  
 caacttcgcc atgactgcca tcaggctcgg gtccctgactc tccacgcgaa tcttttccct 240  
 tactttgacc tcgtctccct tccatgtgaa aacatctcca acttcatcat gccacgggtg 300  
 tcgagttcca aacaaacggg cgcgcaaatt gaacccagtc aaagaaatgt cgggtggcaaa 360  
 agctgttgga gtatgtgtgg gtgtgctaga ctcgagcgtc cttagatata agacgagagc 420  
 agagtcggcg atggatagat ggaacgaaag gtttagcggc aacgggtggat caaacatata 480  
 ctcaagcgca cttgtctccc accacttgcc cctgacttga tcaactctgc ccttcaacat 540  
 ctggcgagcc tcagacagcg tttcatataa taagcgcagc tggccatata tgaaacttgc 600  
 attgagcggg tcgccagtc aagggtgac atccccaca tttagactct ggggtgaacca 660  
 ggttcttccc gaaaccacc tgagggggcc aacgctctga g 701

<210> 6818  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6818  
 gcatttgcaa tttcatcaca cttcgaattc ttcccctgcc ccagaatccg ggataaccta 60  
 ctgacaagtc gaccgtgtct cttggtgaac ctcgctttgt ttgcttagcg gaaatgccgc 120  
 cgatcgacgc agttgacggc aggtgaagtac tccagcagcg taccaccttc gcatgatccc 180  
 cggcttttga ccttacatgg aacgccttac agttggcatg gctgacggct tcaacaggcc 240  
 ctggcccccac ctggcaaaaag agacgcttga cgttatcagt cgaccctaga atcgtattcg 300  
 aaggtcagat cactccacca ggtccaccac ggtgccacga acctcacccc gtaatggctg 360  
 gcacttcatt tatgggggat attttctgtg cgccgtattc tagaccccgg tccatgtcga 420  
 tcagcgccctc aaaactgctg atgggtgtgct aagattgttc cggatgcttg cagcgcgaga 480  
 ggttttgcct tttctcctcc attccccctg aaactgaccc aacgggtccg aaattttctt 540  
 gatcacacgc tcacaattac ccttattttg acataaaatta atatccgctg ctgagttggc 600  
 aagccctcag cctcaacttg ttggcttgcg ccaccgatca atgacccgtg ggacagcata 660  
 tcccgtttac tcagtgccaa atgggta 687

<210> 6819  
 <211> 663  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6819  
 ggcgcatthc cgtctgggta tgccgatgtt tgctgccggc cgaagcgaga ccttatcgac 60  
 ctatgcgaca cttgatccac acctatatac gcctaccagg caaaagccct accagggtat 120  
 atggattgga gactactcgc ctcacggatg tgaattcatg cttttcttgc aacgagacag 180  
 tgaagaaggg cctgacgata cgcccgagga gggcgagtcg gagttccttc atgatggcat 240  
 tatccagaaa ggtagcctcg aggtatcaa actaaccgga gaccccaatg tccctcgagg 300  
 cgagctctca ttcatttcgg atgatatcgg gcctaagggt tttgtccgtg tcgcagatga 360  
 atcgctcttc cgagggggcg ggattgtgcg tagtcgagga catgtagcgg gtatcgggtt 420  
 tagagacgat tcattcatcg cctcgcaact cattctcata tcacctgatt gtatagctca 480  
 ctattgggag accatggggc atatctcgta tttccgcgc ctcgacatag acggacttat 540  
 tccggatatg aacggatgtg tgatgaacc ttacaatgta acgattccgg gcctattatt 600  
 tggctcctt cctggggagga taatgaatca aatacatgga ttggcggttg tggacacag 660  
 gtc 663

<210> 6820  
 <211> 646  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1) ... (646)  
 <223> n = A,T,C or G

<400> 6820  
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 tccattatca ctatgttgaa gatgttccga atgaggacga gtactatcca atcctcgtgg 120  
 agagcctggg gccgacaatc ggccgtctga tcaacttgag acaacttggt gtcaagggcc 180  
 tcgaatatga tatatgtaga tcttatgatg atccggattt cgggcctcgt ccaagactcg 240  
 acgctttgtc tgagatatgg tcttggtctt tccagcaatc aagccacgcg atggcaggcg 300  
 ttctgccttc cttaacaaca tgcgagctaa tcatgaacga ccttacaccc atcgaaaacg 360  
 aaacaggcga catgtggtac ttttcctcgc gcgagactgt cctgcttcac cccacgctac 420  
 aaaacctgag catagtagca gccatcatct cggacctgcy ctcagaaaca ctaagttaca 480  
 tcaagaaacc ctggttcaac ccaacatccc tagaaacct gaacctgctc tgctgcgacg 540  
 tatcaccaca gtctctccgc gagatgctcc agttcccaa agccctcaag aacttcnacc 600  
 ctaggggatc cccctggacg acccgatggg aattcttctt cacaga 646

<210> 6821  
 <211> 570  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6821  
 gcttcgtctt cttctcaaaa gaacaacaca cttctacact tctcgctctc ttccacgtcg 60  
 aagtcgtcat ctatcaaaaat gcaattccgc tccgttatcg cccttggtggc ttctgctact 120  
 gccgtgaccg ctgctccctg tgacagctgt gatggtggca actctggcga ctctggtgac 180  
 tctggcaagt gcagccctaa ccaaaaaactg aagtgtgtga ccggtctcac ccaaggcctg 240  
 aacctcggca tcctgccggc cctgtgtctt cctctttttg ccaactgcaa caaccaggcc 300  
 gcctgtgtcg aggccaatgg aggactcctg aactgtctca ccatccagct ctaagttcat 360  
 cgcattttcac caccgcgagt aacgatacac gggcgatgtc cgggtggggga gtgatgcccg 420  
 actcggtaaa tggatatgtc ttactacggg tgggcgggtga cagtcttctt ccagcatcta 480  
 ggtgtacacg gattgtccta ggtccaaggt gtgggaaatg aaatattaaa ttacatcgct 540  
 aggaaaggct catgcaactt tggcggttgt 570

<210> 6822  
 <211> 637  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6822  
 gggagagaga cgttttttcgg tctccacagg acaattactc ggtcactgag ccttcacat 60  
 tggatgtgta ccatggaagg cactcgccga gttctctgtc aaagcctatg aatgctgaaa 120  
 acacggggaca actcacgacg cagggtgccga agccttacag gtcgacaacg cccttgctga 180  
 gtgtctacca gactccttga attcctgggtc tcctgatgtc gtcaacgcag acattgcttg 240  
 taacgacctc aaagcagcaa tctgtcctgg aacgggcaat ctgccacagt gccgccaatc 300  
 gcgtgtcaag cggttcgcca caaactatta cttggcgtgt acggcaagtt ccaaaaggcg 360  
 acaacgaatg ttcacttacc atacagtcga ccagtgtgga gatgaactct ctgccactac 420  
 gatctgtgac taccaaccgc tcgtctagtgt gtggtagcca acaattgcgc atttcacaga 480  
 cgatgtctac cgccacaagc caacaagtgt cagttggaaa ctactgtacc gagctcatca 540  
 tctatgcgtc cactgtgagt ttttaagagcg gtctggcatt tgccgagttt tggcaaaata 600  
 ttggatccgc ttgttcactc gccggaagca tgttttgg 637

<210> 6823  
 <211> 651  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6823  
 cgaggcctgt tcctctcatc catatccatc ttctcccctt ttattttctt tacataccgc 60  
 ataaatcatt cacaatgcct ttgggtggg gcgacgtga gaacgtcac caacagggtgc 120  
 aggaggggca gcacgagggg cactctctc acgatctcat tgccgggtgcc gctgctttca 180  
 ccggtatgaa ggcttgggaa gaccaccagc gcaaggaagg caaagaagtc tctcacagca 240  
 ctgccaagca ggtaattgct ggattggccg ctgctggtgt cacgagattg gttgagacca 300  
 agggcttgaa tgcgatcgac gagcataaaag ctaagaagca ggccgaggag aacgcccagc 360  
 gcttgtagca agagcactac gagcgcgac aaaatgctcc tcaactttaac cctaatagagc 420  
 acaaacctca cccgtctttc gagcgcaatc gctttgacga gcacccacac cacgagggcc 480  
 gcccccaggg aggccaaagt gaccggtggg aaatatttca cagacggagt gaacatagat 540  
 gtcgcaggag acggtcctcg tcagttccag gtgatgacat atgtaaataa aaatgaataa 600  
 ataaacattt gtgaaagaaa cctgtccaaa gaaacgaaat aaaatgacaa t 651

<210> 6824  
 <211> 1064  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6824



ctgtaaatac	ttttgtatga	tacgatttat	gaccttcgtc	tagactaact	acataggagc	420
agaatacaac	cgctaagaac	cgctattaac	aaatatatgg	atgccgaatt	gaaagtagta	480
tttgcaaaag	tctgaaacac	cccatcaact	tcgagtgttc	agataatata	tacacgggtga	540
cactctttca	ttaaacaatcc	agctatgcat	gtgcaatgga	naaaagatca	attattcaca	600
aaagaagaag	aatttcaaaa	cgcctcaacc	caacc			635

<210> 6827

<211> 687

<212> DNA

<213> *Aspergillus oryzae*

<400> 6827

ctcgatttag	catcaacacg	atatcagcac	gataactatt	ctgtaggtca	gaagccactt	60
tctaacacgg	tgttttgaac	aggaagggat	gtttttcgac	ttgacggacc	ttcttgctct	120
ggcatcatca	cctgaaagaa	aggatgggtc	agttctcata	ctacaaggcc	acacaatcct	180
gccccgtgtg	acttacgggg	atcgagaaat	tcaatagcgg	cacgcactct	atcctgagcg	240
gcctcatcac	ggagctgcac	tccgtccatg	gtgatatgtt	gcttcgcaga	caattattat	300
acgggggtgag	gatatatttg	tgaaaattca	aattgggtcga	tgtgatttca	gtgcaacgaa	360
tgatccttgt	aattttcgat	aacacccgct	aaatcacaga	aacgcggaga	gaggggggat	420
gattcggttc	cttgcgccct	tgagggcgag	tgggatggcg	gatggatctt	tctgaaagct	480
gtggaaacac	gccgtcccaa	tcgggcataa	ttggaacgcg	ttgttcttct	tgcacaacgc	540
gctcacacgc	ggagtgcgtg	atgactcagc	gggacaggac	aaaactattg	gattgcctaa	600
ctgggaaata	tcaacaatag	gtacttaggt	actatacagg	cgctggggtg	aattatatcc	660
aataatattc	gtacactctc	tagagat				687

<210> 6828

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (684)

<223> n = A,T,C or G

<400> 6828

aataccgtcc	gaatcgcacg	agggccttat	aatccacaaa	ggtaccggaa	gggcctctct	60
ctcgggtgtcc	agtcacggg	aaagactgca	acttcactca	tctcgtcatt	ctctgcttcc	120
cgcaccgaac	aatcgagggtg	cttccccctcc	cttttcatcc	acgtcgggtc	cgcagggtgcg	180
ctgagtatta	aatgccagca	ctgcggacaa	gctttgcttc	ttggctgtca	tagtgcaggc	240
agtatctgaa	gaatacatcc	aacaccaaca	tgctcggtct	ctggggccta	gttccaagat	300
ctacgtctgt	atgggcgga	gctttaatca	tcctctgcca	attagtccc	ctggccgtgg	360
cgttgcggac	agcaccagga	tcgccatgtg	caaacgtttg	caataagcaa	tcgaccaata	420
caacgggatc	cgagattacc	tgtttagata	cggactntac	ttncaccagc	anagggtctc	480
agttcaagca	gtgcgtcgac	tggtcagtgc	gaagtactta	cagtgaacca	tcttcgggga	540
gacggatgtg	gactggggac	tttacaacct	tcgttatact	tttacctcct	gtgtctatgg	600
cttccccctaa	gagtgtgagc	aatatctcca	cgcagtgcac	agtgaattgc	cagcccgttg	660
acaaaagccc	tagagtttga	tctg				684

<210> 6829

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (662)

<223> n = A,T,C or G

<400> 6829



<220>  
 <221> misc\_feature  
 <222> (1)...(632)  
 <223> n = A,T,C or G

<400> 6832  
 gttcttttctt attagtcattg cttggtgaat cttgcaggca aattgggggt gatctacagt 60  
 tttcttgagt cttcacggat cagggtcagg gtctcctccg ccctgtcacc cgcaatcgga 120  
 gtataaggat gggatttagt tattgtcggg gttgaatttg gcaaacctat atcgacggt 180  
 ggacttacia catagagacc taccgtgccc gcagtagctc ggcttaaata tctgataggg 240  
 actagagctg agaatcaact gattggcggt caaatttcat tcatccgaag tttgtcctaa 300  
 acccgctccg cgtatagatt gcaggcgaga ggtatacagg atatatgaat cacacacagg 360  
 atccaggaca caggcacatt cgagcaaatt gggtttgtgt cttgaaatat atatggggag 420  
 tggttttctg aacatacatt cgcaagggac tcggagctca tcaggctgca atgtttgcct 480  
 tgctcttttt ttatcctaag gctgttctat cttggcgctt gttacggagt actggctact 540  
 acgttttgaa tagtgactac atacatatca ggcttcagct tttcatnctt ggacaagaga 600  
 tcaancgcag naacagtatt gtactctact ac 632

<210> 6833  
 <211> 672  
 <212> DNA  
 <213> *Aspergillus oryzae*.

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 6833  
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 acctgaaaac atcgagttac cttttcctac cataagctgc tcacttttta ttgtatctcc 120  
 tccatcatta tgggtgtcct gaagggtctt ctcaaagcga tcctcattcc catcggtctc 180  
 ctgctgggtca tctcggtcgt cgcgttcttc ctcatcaaaa ggcaccgaag ccggaaggag 240  
 aaagaaaggc aactcgagaa tgggttccag cccccgccca ttgtgcaatg ggttccgcat 300  
 caggacccca taaaaaagcc ggctccgatt gcccatagct cccacctgca accgggtggc 360  
 tgaaagcatt ttgaatgcc caacattggg tagattatct ttctatcgta tacaaccggc 420  
 tggcttggtat atcggtgttg tgcagggtgt tcangaatac tggtgttgaa gaatgatgac 480  
 gggcttgaaa ttgaggcggt agtggaatag gtttgttctg ctttgttgat tcgttttcaa 540  
 tttgtttccc ttgctaggta aatcggaatc gtgaatgtgt ctgatattgt ttcattgtcg 600  
 ttttgcttta ctatcggtct ttaaccaggt atcattgacg gttaccaaga gaaagacgtt 660  
 gtctatagcg ag 672

<210> 6834  
 <211> 668  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6834  
 tcgaccgcag tccgtacaac ggtccgtccc catgattctg atttgccgga ttatgatgcc 60  
 gtcgttgagc aagacattcc cgttccgccca cctctccagt cacctcagca agcccatatc 120  
 cgaaatgctg ggcgcggatc tagccaactc ttctcttccc tggatattct tcatcatcgg 180  
 ccgggccttg gtcactctca ctctcttagt cacaatgatg aagaccgaag actgcgactc 240  
 gttcaagctc gggctcgagt ctagaatcag gacagaggcc gcttcacctg catagcggag 300  
 gggacgttga actctccaga gatgcgcatt tatgatgatt acggtactgt cggcgctgga 360  
 cgctgagagg cgctatattt cagagactct cctaatttcc cgatagaaga aaagcaacta 420  
 cctcacttcc ttttgtatct ataataagacc ggggtatttg gggctcctgg gggctttcct 480  
 tttctttttt ccatatctat agagggtggg atggtctgtt tttccccact tgattatctc 540  
 cactcactcg ctgtatcgtc gccacatcta gacatgatct gctgatctta tcacgatcgc 600  
 acgcagctga gatctcgtct ttatccatga tgacattcca attattatct tccacatctc 660  
 acgcttcc 668



<210> 6835  
 <211> 617  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6835  
 ggaagaacaa aattgggggt ttcggaaaca ttttattccc cgtgaaatcc caaccttttaa 60  
 acattccaag tttttaacca aaacttccaa aaattttttt cccccaattt attcctgcca 120  
 agcgggaaac tttaaaaccg gcctttggga aattttgaaa ctttaaacc cttgggtgaa 180  
 cttaaacatt gttcaaaaaa ttatttcccc ttttttggtc aaaattttaa atttttaaaa 240  
 caaagcggtc cgaaagtgtc tccccccac cttttggtaa aaataacaat aaaaactttt 300  
 tttctgtggg aagtcctttt ccagtgacc agttccaggc ctttttttaa ataccaaact 360  
 tctttacaat tttttttttt ttgaactttc cagtttatac caatccctcc ccaaccattt 420  
 ttccctgcaa ttgaaattgg tgttccggaa attgtaattc ttgttttttg gagactgaaa 480  
 cactaattgc tttcccttgc ccggttccaa aattctttaa aaaagaacct tgtttaaaaa 540  
 aaaataaacc cgggatttcc ttttattctt caacaagcgg ccccatgggg atggtattaa 600  
 acgccgtgtt tttctct 617

<210> 6836  
 <211> 724  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 6836  
 cgaatctgtg ctactactcc cgcgtacctt gcaaaccccc acaacgtcgt cgctcatacc 60  
 gtccatttct accgcgcccg cattgatcgg cattcctaaa atgagttcgc cctcgggtaca 120  
 gggtcaaccg caaccttccg gcggcgcaaa gggcggtttc cacacaacga aagaggctgg 180  
 tgccatgaac ttgcacattg tccgctgctc gagatgtcag cgctccatga gccttgaaaa 240  
 tgactcctcc cccggcggtg tgcgcttcgg catgaattca tactactgca gccgctgtgc 300  
 gtccatgggtc ggctttatcc gatgaagcaa tcgcctcttg caattcgcgc aacggaacaa 360  
 gaaaagagaa acgacatcgt tacgaacgca tttttcgtcg tgccttctag ctctcctgct 420  
 acccaccgcc gtctctaggg agtaggcagg atcagcatgt tggttctcca gtttttgttg 480  
 ttttctactt cgaccattcg ctacagcagc ttatccgaga actgttctgt gctggcacgg 540  
 cttctctcac acccttcgag caaatgaata gggctacgga ctacggacta cgattcagtc 600  
 gtttaggtcg aatgggcttt atcaacgcca cacttcntct caacaatacc cgaggaaca 660  
 atgactcacc gcgcgcaacc gagaaggtag ngtggaccag atgggggaca aaggaaatan 720  
 tttt 724

<210> 6837  
 <211> 717  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 6837  
 cctgcgatgg cctcatccga aggatacagc gaacaggata ccgtggagag atcacctttg 60  
 gagctaaata tgacccatgc atgacgctct tccagaaggc gcaatcggtc ttttaagacca 120  
 ttccacaagg tgttcccgac gaggtcgaca tcagcgtctc tttgaatgtt aactttcccg 180  
 gcttgtcggc gacgggcagc aagcaggaga agatgcccgga gccaggcatc cagacactct 240  
 gcaaccgcac agataactct actttccaga tgctcgatcc tcagactctg gagccaattg 300



<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 6840  
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 gcttagggcg catgctgagt tgagcggagt caacatcatc ctcggaatct ctaaccgggc 120  
 catcggcgctc tttcactgga gagacctact ataccgaata ggtggcgag cccatcactc 180  
 ttcccaagac gaaagcattc gttccgacct tccactcgtg tctgatctct cgcataatatt 240  
 gcctcgaact cagcctctct taccatactc caaacgcaa tatcctgacc ccaacggcaa 300  
 cgctcaagat cccaatccag cttacaagcc gggcccggtc cgacgcaaag acaaaggatt 360  
 ctgagcatga gatcacccag catgaagtta atgcagagtt tttcagtccc cgcagcgctg 420  
 ccccccgac actgggtccag gtacgcccac cagagtattc ggagaacca ggccaattc 480  
 tgccctcctga ccgttcgac gatttgatgt ctactgcccg tgtccccagg gttcatgctg 540  
 gaagtgtggg gactgctttt taatggctct cccgtatcca acaacggata caggggggtt 600  
 cccgagatac aaaagttcat gtgttcattg cgatgaggga atgtgttttg tctgaatata 660  
 cccgggttggt tatgttggat gaaattcgca tagcagtagc gcacaagggc gtttttgatc 720  
 gn 722

<210> 6841  
 <211> 708  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 6841  
 gagggtcaa gctaattcag gaaatatatta tttgcccctt aactcaagt ggtcccctgt 60  
 gtcggcagcc ccgaagcagg cgggtacttt acaactatcc atcagaacaa ggatgcatgg 120  
 gattacctct ctttccagaa gcattccggg gcagaattcc aacaccgcat gaacgacctg 180  
 catgagctcg tatttgtagc tcgtcccgaa tgcgcaatgc agcagatctt ccaagtctat 240  
 ccagatcgag aatccttcgg aacagatgat ctatggatcg aacatccggg gcacaaaggg 300  
 ctatggaaga ttatcggccg cagcgatgac tatgtatatc tagcccatgg tgacggacta 360  
 catgcttcgc ttctggaacc agagatcatc gtcacatcta gcgtgaagtc ggcgataatc 420  
 ggaggacatg ggcagatctc accgggttct ctggtagact tgaaccctgg ggtggagttg 480  
 aacaatgagg cnttgaggga aagtctaaag ccctatattg agaaagtcaa tgcacattgt 540  
 catgactgtg tgaagctctc ttcggagcgg ttgatcttcg ccacgaagga caagccattc 600  
 atcttgacgg ntaaaaggag tgtggccagg ttgcaaacct ttggctctct attagaaaga 660  
 gaacgcattc tttgttggtt aaggggggaa gaccttggtt taatattn 708

<210> 6842  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 6842  
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 accaggggtca cttggagaat ctaaaattcg aggaggttga cttttctgca ggacgcactg 120  
 taccagaagt taagtgcgaa gattgctggt caccataggcc cccggcttcc cctagggctt 180  
 ctttctcggg ggaagagttt cgacgagtgc ctgggtgcgt gccggatgat cagatgtcca 240  
 ttgccagcta tgctggtaca tctaagacca cagactccaa tcccaacctc aacagcatga 300

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gcatagaatt tcgtcgtcgg tctaaggcgt cccgggagcg agaactttcg ccgatgccac 360
ctcagtcggc tttagccctt accagccctt cggacaaaga aaacgcggcc tctctgattc 420
agaagacatg cacggtggtc cttatccctc cgattcagtt atttatcgtc ctcattcata 480
tagcagctcg gatcgtatta ggcccagctn tgacatcggc catgggggag ttaaatacata 540
agtatgagta tcaagtggcg gatcctcagg aggctgtgga cgactntgat cttccacttg 600
caccgcactg tccgaagaaa cagtcggtat ccgaagccaa ctcttgggat ttggattaat 660
gttctgncaa ggca 674

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<210> 6843
<211> 661
<212> DNA
<213> Aspergillus oryzae

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<400> 6843
ggatgtctgg caatgataat gaaaattatt ccgtttcttc tggaaagatt tcccacttat 60
tcttctcttt ttgttgaacc ttatgccatg ttattcatgt cacatgctca ttcctcctaa 120
tcttctcgtc catgatttcg gtactcgggt gcttatacac tcttccggtt ccatccggtg 180
attggaagag gcaggcactt ccgacgttat aatgtacaat gaatgttggt tttcaaaagc 240
gaaatgccat aatgaagggt gggcttttga agaacttagc gagatagggt ggcttgcagg 300
gatgtctgat atgtttttgt tttcttggtt tgtcctttgc atttcaatac ccggagttgc 360
ttcagcagtt ttccgtcccg gacaagcgtt gacaccgacg tttgacccaa ccaggacaag 420
actttctcac ggctacttgt ttgtctcatg gaagacatga tgtagcttat gtgtttatct 480
cttttccctt gtcgttttca gtcactttgt atgcattgca tctacactgg cttggtgtgt 540
gctggcgatg tctgctttat ctgctatgat atgtctctct aaaacccttt gctagacaaa 600
atcttcgtta gaaaaagttt cctcttttct tttcaaaaaa aaaaaataaa aaaaaaaaaa 660
g 661

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<210> 6844
<211> 798
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(798)
<223> n = A,T,C or G

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<400> 6844
actttgctca gtcgtttctt tttcctttac ttccacccaa cttctttccc gtcattacga 60
actttccccc gttcagtcgg acttcaaaat cagcccaagc aacaagaacg aggccaacgc 120
aaagcagcag acaccaaatg cagaacgtga tccataccaa tcccgcgcag atacctcctt 180
tccatcacgg cgggactgac cattcctcct gaacggcaac ctcccttggc gggttgatcg 240
gttgcccgtg ccgaaaagta attcgataga ttgttgtaga tacatatacg gcatatccat 300
ttcttggtgt gccagttga cgatatattc ctcttacgga acccgtagcc agcagccaac 360
cgcaccaact agcttacgag agatccccta ctgaaagcag gccactcggg tcgtcttaag 420
cacggctctg gacaccaaatt tctattatct cccatgcgcc attgtgttcg caacgtaaaa 480
ccctgagctt gcttctacca aaggcgacca aaaaccacgt caatgcccgg aaaacaccag 540
aacctagcca tcgcaactcg aggtccacg ctcgacctgt gtttaagccc aaatagtaaa 600
cactcagttg ctgcaagaca ggctaaccgc cgtcaaaaaa ctgaatcata caagaacaaa 660
gcccttgccg cctctggcaa aaatggctac cgtgtcgata acaagcgatc tggagccata 720
tctggcttcc cttcgcagct atctagctag aaacagattc gcgtcccccg gggtggagga 780
ccgntcgcag gagcaatc 798

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<210> 6845
<211> 680
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature

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<222> (1)...(680)  
 <223> n = A,T,C or G

<400> 6845  
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 cttttctgcc gtgagggact ttacccccag ggtcaatata gggacgagca ggaatgcttg 120  
 tctgacagag aggatgctcc gaaagatgcc aagcagagcc toccagaggc agaactgaag 180  
 gcgaagaagc cattccttca gccgcgccc gacagcgaca cttcgtgcat gaccttcgac 240  
 cgcggcagtg aacgctgtgt tggaaccagg tactactgta ccaatgatat catgaagtgc 300  
 ccctacacag acgaggacgg cagtgtctac aataatgctg ccgagtgtct ggatgcccgt 360  
 gaatctgagc ctcaatctgc cgatcccgat cgcattgtgt tccctgataa ctaggatcgg 420  
 atatggacgt agtccccaac taggtgcggt ccatggcctt accacccacg ttagcattca 480  
 ggggatgcgg actaaggagg gaaccctgan agtggtgtga acgttcccat ttgcctgtac 540  
 ttatgtgtat taacctcctg gcgttagatt caacatctaa gccagtctta gtgcattagt 600  
 tttattttatt tcgtcgattt gaaatcacac tgagaaaagg aaaaaaaaaa aaanaaantn 660  
 nnaaaaaaaaaa aaaaatcctg 680

<210> 6846  
 <211> 697  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6846  
 gcataaatag atttaaacaa ttaccatact aataaaggca gctagcagtt caatcagacc 60  
 atacattcgc atatatattcc atataatgtc cgcagtgcac caagaaaacg agcctgctgc 120  
 gctctgtcta cagccgaac ttcttcctaa catccgccac attactctct acgtatcact 180  
 tccggaggcg atgcgatcgc aaaatgttcg accagaaatc tgtctatccg attcgcgtcg 240  
 tgccataaca gtatctctcc catcgccaca cgaagatgcc acagacacga tcaaattacc 300  
 agctcgtgtt aatgaagcgt ctccggctggc cttgagcgtg gctggacagc gagctaagga 360  
 tccgcgggac cgcgggcttg gtcagcatga atactcgttt agaatgcaaa tcgatgacga 420  
 agattattcg ttgctctcga gagaagaaca tatggatagc tgtgtgccgt ggacccgcga 480  
 tcgacatgac ctectgtact aagctttgtt gtccgccattg taagactatt ctttctcgaa 540  
 tcgaatgtgt ccgcgtggct cctgtgctga agacaatggt tatcacgggg tggatgtgga 600  
 aaggattagc ctcatggaga attggggcct gaaatgatgg gtattatggg cactggacac 660  
 aaaccgggat cctcaatgac ggtctaggac catggcg 697

<210> 6847  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6847  
 cgggatctct accaagcagt ttagaagatc atcgcacaga caattcctct ttgggacaag 60  
 agtttgactc acgtgcagga acgacggcat gcacgtatag tctatgatag cgttgactat 120  
 cacccaactt cgacaaagga gccagcttat gacgattata gtgatgacga agaattgtgac 180  
 cggagggtatc aggagtggca acgctcaca gaaataatac tccgcgaacc aggggagttc 240  
 acacctcctg aaataaccga gaagatcaat ctacgggagc agttacacga atcagggctg 300  
 cagatcatcg tgaagttggc tcacattgaa ttgaccccg agaagccgga gtacgaacgc 360  
 ggcacctggc atgttgaaatg acaactaaat gaacgcattc gcgcaacggc catctactac 420  
 tatgacagtg agactatcag ccagagtaca cttgctttcc gtcaacgcgc agacaaggac 480  
 gaactgtcag aaattgccta tgagcacgac cgccatgaat tcctacagca cgtctatggc 540  
 tcttgccccg aggtcactgt ccgtgacgat acgcaggtca cccaggaacc tggcagcgtg 600  
 gggtgcccagg aagaccgact ccttacgttc cccaaaatcc ctccgcaccg ggtgtttacg 660  
 ttcttgttga cagatcggtc caagccctgc cccc 694

<210> 6848  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 6848
ctttcaagct gcacttctgc tcattgcaga agtgctcctt aagcttaatc tatcagatgt      60
aatcaccatt gctcaaaagc actatgtctc ctgcacctgt cgctgcctct cagcagcagg      120
actcacaact tcaaaccctg gccaaagctt tcgaagctct tctgctaacc actcaacaat      180
atatcttgca agagagaatc ttgcaacaaa agctggaata tgcttatgac gagtatatga      240
agctcgcagg tccacttccc ggccggcttg acactcatgc ccagaatggc tcaaaaaaga      300
accgcgggca ctctttccaa ttccaaaacc aagaaatccg ggtctttcag tcctccggat      360
gtagtaaaac cactaccaaa gcctgggaat gtaggcaacc aaactctgaa cccaataaccg      420
gacggggtgg ggggtgtccaa atctgtcctg aattcacaga gtgccccgac ctcaacccat      480
gtctggttgc ccctagggcc ggagctcctg gctctttaga aaaagacttc accaccaagg      540
gcactcaggg gaatctgcac tgcccattcg caaaaaccaa aattatgcca tctcaaaagg      600
gggatggcta atgggaatag aaaactcttt acagaaccca aaagggacac tcgtggggac      660
acaaaagttt acaaccata aggggttgac aaaata                                     696

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<210> 6849
<211> 1293
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1) ... (1293)
<223> n = A,T,C or G

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<400> 6849
gtcgactaag tctcgctacg tgaatctact ccgcataggt ggatttatgt aggcgaaagc      60
cagctcccag gaatcctgca ccttctcaac agtctgtaag ctttcatttt cgттаатgaa      120
ggctgtcgat tacgaggagg atcttgtctc gggaaggctt ccaggactct ctgtttcatg      180
cagtgtgtat gagtccgtag cgtcattcgt ttatattaac cagctcgttc gatcctttcc      240
tttctgttgg cttcttctgt caatcttttg tctctacgtc tggatgtctc ttgtgtcatt      300
cctggccaag ttcattgggca tggacgatag gctgaaaacc gctaatecgt cgttactcgt      360
aagcgatcga gtccggcaagc ctagaaggtc gccaaaggaag acacataggc atgtgaaggc      420
gaagaaaatg caagagaagg tggaagtca gtcaccggct aatcccctca cgagccctat      480
agtcaccatg atcgttagtc acgaacaacg tgtcttcgta gctcatgagg aaatcctgtg      540
ccgctcgccct ttattccggg ctctactcaa agacgagttt gtcggggaca gcacgaataa      600
ggcagtggtc ctgccagatg aagagccaga agttttatcc tgcgttctcg aattcttgta      660
caagggagat tatttcccg cctgatccg taacaaggac accggttcat gggaactcga      720
gaacagccag aatgccacca cccacaccgg tggccgcggg tcgagcgaag cgactatgtt      780
ccactccgct gtaggcgata tcgtcctcag ggacacggtc gtgtactgtg cagctgagaa      840
gtatggactg gaggggctca aaagccttgc tattcgcaag cagggctctc agagcggaat      900
cccacatgat gtgattctac gatccgctcg gtatgcctac gacaacacgc cggactcggg      960
gtatcgactg cgctctcatt acttggtat gatcttcgg acccgacaga ttttcaagac      1020
tagtgaacc atgcagtatg agatggagat gggtcataaa ttgtttttcg atctgtttgt      1080
tgctatgtgt aaccacatgg atgatcttga ggagatgagt aacaacgaat cgcctaagat      1140
ggcctaacga ttccacagcg agcatgacga tatgtacaga aaatcattgg aaaaaagatt      1200
ctgatcttca tataaaggaa ccgaacgaga ctgcttgttc aagatgantc gggttcatte      1260
cctgaccatg gcgaattcta cacncttcca ggt                                     1293

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<210> 6850
<211> 246
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1) ... (246)
<223> n = A,T,C or G

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<400> 6850
gagcttctcc ctctcaata tgagtgggtc tggcgatgat cgatggcgcg ggggcccgcac      60

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atacgaccag	aaccgctcagt	cgggggcaaag	acactccttg	cacagaacaa	tgagcgcaca	120
cagtggctct	cgtagcggac	agaaccagaa	taactgggga	gagtcgctg	atcaactttc	180
cactggacca	gctcaggaac	aacatgtccc	cgtgcgaggg	ttcaatgccg	ccgagggcga	240
ggcggg						246

<210> 6851

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<400> 6851

catggatgcg	ccacggcttt	taatgatcta	tccagcagat	ctatacacgc	atccatcacc	60
tggaattacc	attccccacg	agaacttcga	cgccgtagat	ggtcattttc	tgtctgagct	120
agcagtcagt	aactgttcca	aaggcattat	ccctgagatc	ccagccgaca	ttcaatcagg	180
ccgtttttcac	gggtgtccca	atcgaccaat	cactgacttg	ccgtcgtcgt	cacacattaa	240
cgctcttact	cacgtacac	ttgcagctca	ggtcattgaa	gatcacctaa	aggcaaattc	300
tactctcgtg	ctcgatggga	aaacagcaca	cagctcgggt	ctgcttgtag	atccacgtat	360
tgaaagggtg	cgcccaatcg	atatcacatc	acgccgccat	tcacatcca	gtaccggccc	420
tgtcccacac	ttggagaaat	aatcgggtta	caggtatgat	gcatactagg	aggaaaactc	480
catttagcaa	gccacagccc	ttaccgaggt	ctaacgttct	cgcttacgca	tacagctacg	540
cacgtcaaac	cttcggatca	aagagatttc	catggtatca	gatcaagatc	ttccgagtac	600
ctaaagatca	ttctcatggt	tatgtcatct	tgtcaccag	tagacttagt	accatctatc	660
aatcatctac	atccagcagt	tctccatctt	tg			692

<210> 6852

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 6852

gccgtcgac	ctaccttcga	acctcaggat	gagaagcaaa	gtgccgccat	gaccttaggc	60
cttctcagta	gtggaatgag	tcccatgaac	tcggctcccc	ccgccttcgg	cgatggcacc	120
cttaaaatgg	gcgagacgcc	actcccacca	cagggaggat	ttggagcgac	agcagatata	180
ccaagggctc	cctcgctctt	aagtgccatg	ttcgggcaaa	tgccagatat	gcagctccct	240
ctcgattggg	acacctggga	atactatatt	cagaatgcag	cacttgatgc	ctcgaaccag	300
tggtgggcaa	caatggatca	acagcaacag	caacaaccgg	agcacaacca	caatctcaaa	360
atgcgttagg	ctctgctggg	ttagcatcgg	tgcaaaataa	tggtgccgaa	agatgcgctc	420
attgccttct	ttttccacgt	attttaccct	gatgccacag	tttaaaaaac	aacaattttac	480
cgccgaacaa	gcggggacac	gtttacccag	ctgagatggt	attngcttat	agatcccctt	540
tttttttttg	agggtaagga	aaattccctt	aagtgggcgt	aaaaaaattt	ggcacacccc	600
gggggggaaa	ataaaccggg	gggggtttta	tggggtgcct	ttttgttgcc	aca	653

<210> 6853

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 6853

tgcaacaagg	atcattatac	tttgatagta	cttcattaca	ccagcggcag	agccctggat	60
acagtaatac	cacgtgtgac	tggtacatca	atatcagcag	agaaggctaa	caacatgagg	120
agctgatgtg	agaggcgtct	tgaatggact	gcgcctccag	gcggctttgc	tttcatatct	180
cctaaaccgt	ggctgaagct	ccagaaaatt	tccccctttt	cgccgcgcag	tgctccgact	240
actttttttt	ttttctttct	cacatcggag	ataagaacga	tatttgcttg	caagtgtctc	300
attcttaagg	gtctgttttt	gcgtcagggt	caccagattt	acttgcatct	atcctagaag	360
tcgcgcattt	gactgtatca	ctttttttct	ccgttgaccc	ctcatctccc	ttgtcgcacg	420

acaaaaaacac	acattcacaa	tgtctgccga	acagaacggt	gccaacaccg	aggccgagaa	480
ggacgtccag	aatgtcctgg	ccgaattgag	ggtgaagccg	acacaacggc	gccagaaaga	540
agaagagccc	tccacgaaaa	ccagaggaac	ccgtttttcg	gggccgcccc	acttcgtgag	600
aactcccaaa	agctgaagaa	gacaaagaac	gaaaaaccgt	ggtggggccc	ccgtcgaaaa	660
accc						664

<210> 6854  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 6854						
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tgatgagact	ggcaatcgta	ggcgcaaaaca	tcggtacggc	gatgaggaag	agttcgaggc	120
ataccaacac	gagaggcggc	ggagagcagc	cttagatcga	gaattttaagg	ccttcgctga	180
aaaaatagca	gatgcaggta	aagacgaagg	agtggacggt	gacatcccgt	ttagagaaat	240
tggtttcaact	ggtgtaccga	accgctccaa	tgttctaatt	cagccaacca	cggatgctct	300
ggttcagtta	acagagcccc	cttttcttgt	gatcacccta	aatgagattg	aaattgctca	360
tttagagcgg	gttcagtttg	ggctcaagaa	ctttgacttg	gtgtttgtgt	tcaaagactt	420
ccacagacca	cctgttcacg	ttaacacaat	tcccgttgag	tctctcgaag	gagtgaagaa	480
ttggctggat	tctgtcgaca	ttgcattcac	tgaagggcca	ctaaacctta	actggactac	540
aatcatgaag	acggctcggt	gtgatccata	cggcttcttt	gcagatggag	gcttgctcatt	600
ccttgcaaca	gagtctgatt	ccgaggggtg	tgcattccgat	gaggaagaat	ctgcattcga	660
actgtcggag	tcan					674

<210> 6855  
 <211> 1002  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6855						
cttatccact	gcttgtcccc	catagcttga	taggggtgaag	tacttatctc	ttgattctac	60
ttggccgtac	ctccctccaa	tctataataa	ctccacgccg	acaccatgac	cggctttgac	120
ttctccaact	acaaccgcaa	cgcggtcttc	cacgccaagg	gagtgcctct	acctaaggct	180
acaagtacag	gtaccactat	tgtgggctgt	atatttgaca	atgggtgtgt	gattgcggca	240
gataccagag	ctactagcgg	acccatcgta	gcagacaaga	attgcgagaa	attacactat	300
atttcgcccc	agatctgggt	tgctgggtgt	ggtacagctg	cagacacgga	gttcaccacc	360
gccctgatta	gttccaacgt	cgagctgcac	tccctctcga	ccggccggga	ccctcgagta	420
atcacttgca	tgaccatggt	gaagcaacac	ctcttccgct	accagggaca	cattgggtgcg	480
tatctgggtg	ttgccgggtg	tgacccaact	ggcaccgggt	tgtacacagt	ccacgcccac	540
ggttcgacag	ataagcttcc	gtatgtgact	atgggttctg	gatcggtggc	ggccatgtcc	600
gtttttgagt	ctacgtggaa	ggcaaacctg	aaccgcgagg	aagcggttga	actctgtgct	660
gaggcgatca	aggctgggat	tttcaacgac	ctgggatcgg	gtagcaatgt	cgacgtgtgt	720
gtcatcgaga	aggacaaacc	cacgcaactc	ctgcgcaact	acatcaagcc	caatgagcgt	780
ggtgagaagg	aacgcaatta	ccgcttcccc	agaggcacga	cggcctatct	gaaccagaag	840
gttatcagca	aggaggatat	gaggaaatat	gttactgtgg	aagaggtctc	cggtgaccct	900
aacctaattg	aggtggactc	gtgagttagg	aagtgaacct	atatttgaca	gagccttatt	960
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<210> 6856  
 <211> 645  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6856



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ccatgggcag	atgggtcaggg	tgaatggg	gaagtataca	aacgcgctgt	agacatagtt	180
tcccagatga	cgttgacaga	gaaagtcaac	ttaacgactg	gtacaggatg	gcaactagag	240
aggtgtgttg	gacaaaactgg	cagtgttccc	agactcaaca	tccccagctt	gtgtttgcag	300
gatagtcctc	ttggtattcg	tttctcggac	tacaattcag	ctttccctgc	gggtgttaat	360
gtcgctgcca	cctgggacaa	gacgctcgcc	taccttcgtg	gtcaggcagt	gggtgaggag	420
ttcagtgata	agggtattga	cgttcagctg	ggtcctgctg	cttggcctct	cgggtgctcat	480
ccggatggcg	ggagaaaactg	ggaaggggtt	tcaccagatc	taggcctcac	cgggggtactt	540
tttgcggaga	cgattaaggg	tagtcaagat	ggcgggggca	ttgcgacagc	taagcattat	600
atcatgaagg	aacaagagct	ttccggcaac	aacccgaggc	tgtgg		645

<210> 6857  
 <211> 645  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

<400> 6857						
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gggcgatgatg	tggacgaagc	agtactacca	tttcgtctgg	gatcaatggg	caaacggcga	180
tccgtcgatg	atcccgccctc	cccctggtag	gaagcatggt	cgaaaccagc	agtggaaaca	240
cttatacatg	gacgacattc	tttcgatgcc	cgactcctgg	gagtatccgt	ttttcgctgc	300
gtgggatact	gcttttctact	gcacccctct	cgcgatgatt	gaccccgagt	ttgccaagaa	360
gcagctggat	cttctcactc	gagaatggta	tatgcacccc	aatggacagc	ttgctgcata	420
tgaatggaac	tttgggcgatg	tanaccctcc	cgttcacgca	tgggccacgt	tccgagtcct	480
cagattgagc	ggaaatgtat	ggtcgcagga	cttaaatttc	tcgaacgggt	gttccaaaag	540
tgtttcttaa	ctttacgggg	tgggtgaacc	gtaaagactc	aaaaggaaaag	aatgttttcg	600
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<210> 6858  
 <211> 666  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(666)  
 <223> n = A,T,C or G

<400> 6858						
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gagcgatggt	gacgaaaggg	agggacacaa	caactacgtc	gttcttttct	tgcgcgtatt	120
attgagccac	tgggaatgcg	tgaagtcagt	taagtgtttc	ccgacgcaag	ggagcaagag	180
attccggggg	tgaggtcgtc	tattgcttgg	atttgggggc	cgtggaatgc	aagattaccg	240
tgtttaattg	gggaatggag	gactggactc	gagagtctcg	gagtgtctacg	gtactgtcta	300
ttccgthttcc	cgthttccctt	attthtttct	ttthttctta	gttctthtta	ttaagaccgc	360
tggctggtca	tgthtgaaat	gtgacttggg	tggthtccatt	cgatctthtga	ttgaattcca	420
tgaagatggc	tgtaattgca	ctgtactccg	catacacctg	tggaatgttc	catggattca	480
atcgccattt	ttthtgattag	tgtthtcgatt	tcatttgctc	aagtggattt	atggatatca	540
ngtctgtthta	ttthttgggt	taaattctat	tatgtcgcg	tctgtgatat	ggaggthtggg	600
taaacaatgg	gaactattga	ttggattgat	cactctthtt	tgggggatgt	ctgatagtaa	660
gcgatt						666

<210> 6859

<211> 676  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 6859  
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 aatgggtgtgg tcaaggcgac tccggcgctc aatcccctca agcgcaaggc agaactagac 120  
 cgcccctctg caactcccgc ccaggggacgt accacggggg atttggagca caagcgacga 180  
 cgggcggtta gcacatcgag tagtagcacg ggaagtgtt caccgcccct cagtcgggag 240  
 attcttctcc agcagctgcg agagaaatcg cagcgcttta aacactacta tgccaagtac 300  
 cgttcactcc acgatacaat ggcagctcat ccagatccac cgagggcgga gttggagaag 360  
 ttacggcggc agcatttttcg actacagcag atgaaagagg aaatctggga tgaagaccgg 420  
 cggtcccgcg aagggctnta nacgactact tcgttagacg aaatcngnac ngggatgtgc 480  
 taattaaatt tcctattgga cactggnaga tccgggttgt tcacggaacg gatcaccogt 540  
 ttatattctg ggatgtttat gtattcatct ctttttcttt atcgcatcag aaatcttcta 600  
 gcatgacgag gcantgttct gangttgctt ccaggcgctc atgggcttgt ttcattattac 660  
 acactcatgt ctggtg 676

<210> 6860  
 <211> 732  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 6860  
 ggggccgact cgatcgatgc agacgacgtg ctgttcttgt cttaacgata gcggtattgc 60  
 tgcataatcc cggctcttctc ttctctttct ctattccatt gtctggtaga ttctggttcc 120  
 tgtcgcgga ccttgcccat tgattgtcct aatcttgatt cgtttatcga gctgtgttcc 180  
 tcgactttga gacgatcttg tggacagaag tggtagatga tcttcaacat tgacgtctcc 240  
 ttctgtggtc cgggtccact caagtcactc cacagcctcc actatccgag gtcaccccg 300  
 agttttaccc acaattataa acgaagatga cgaccgcgc cgggtctagg tcccaaaccg 360  
 tccgcgggt atccagcctg gacgccgttc gggccgacct ttatggcggc cccaggggtg 420  
 tcgttctctc caagcacttg atggccctca gtgactctca tgaaacggct atggcaatgg 480  
 aaatggccaa gcaacaccta gaagatgagg gttcatctga tgaggggtca ccccggtg 540  
 cgtcctcggt ctgcgaggcc cttgaccaca ctgatgagtn gcgctggcct cgacatgacg 600  
 gcgtcttctc agggcgga acgatcccg cgcttangg cactcaatta tcaatgggcc 660  
 aatcgatgg attagacc tatatttctt acaatgtgga gcaaaacgan aagaagatgc 720  
 ttgatttanc at 732

<210> 6861  
 <211> 384  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 6861  
 cgacatcgct agagcccttt aacgagcctc aaacgaaact tcttcctcaa cggtggctac 60

cgaacgtttg	ccttgcgctt	gctctctctt	cttgcccttca	cattgggtca	ttgttgata	120
gtgtcgggaa	actacgggtca	gaaggccagg	ttcatgtcta	ggtacacgtg	cgaaaggggt	180
aattgtattt	ttttttttct	ttccgtatca	tattctgata	tgtcaagccg	ccgttgctta	240
acggaacgag	actggcgctt	aaatgggcaa	tgtaaagggt	ttcatatata	ggaaatatat	300
gttgagcaat	tactgggttt	tgacacccgc	cgggtacttg	tttgccgatt	agctcaacca	360
agttcataac	ccannnaaaa	aan				384

<210> 6862  
 <211> 968  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(968)  
 <223> n = A,T,C or G

<400> 6862						
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caaggacatg	gccaaagtgc	tgatgccact	ccctgggtgc	gatcctcgta	tcgcaccctc	120
tttacattac	gagcagaggg	ccattaacag	aatggattcc	ttgcaaaatc	atactgctat	180
tcctaaccce	actgtcttcc	ctctagatat	tctttccggc	ttccattaca	ccttcttaat	240
ccggaaccct	cgacagagta	tccccagtct	ctaccaatgc	tctatcccac	cgaagtccca	300
catcaccggg	tggaacgggt	tcaaagcgac	cgatgcgggc	tacgcggagc	tacgtattct	360
gtttgactat	cttgtgcagg	ttcagatcat	tggtcccggg	accgggaacg	atatctgcat	420
tggtgatgcc	gatgatctct	tggcgggatcc	cgaggggatc	ggtgaagagt	actgctgttc	480
tgttgggata	ccttacgacc	ctcggtcctt	gcactgggga	gcagaaaaag	atcaacagcg	540
agctcgtgat	atcttccaga	actggatccc	gttccatgat	gcagcactga	agagtacttc	600
actcaatccc	cagcctccgc	gagttacaac	ccttgaagat	gacattgccg	aatggaccga	660
gaagtttggg	gccgaggccg	ccatgctcat	ccaccagaat	gtcggaggaca	atatggaaga	720
ctacctgtac	ctgaacaat	tcgccatcaa	aacctgatca	gtaaagattc	ctcctgttag	780
ccagatacat	acacgatgac	aagtcaagct	ctttccaatc	aatcaacctc	acaccttcac	840
catataaact	ctcctcagcc	cattctccaa	cccagatga	gtctncacat	acccaacct	900
ctcataaatt	cccacattct	ccaccatcat	ctcattcgta	tacaacctga	tgcgtttgaa	960
gcccactt						968

<210> 6863  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 6863						
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ccaatccggc	cgggcatcgc	cttggaaagg	atcctctcgg	ggtctagcca	gaaggccaac	120
ttatagacag	gggctggacg	actggaagcg	cacgccaaaa	cggcaatcca	tgatcatccc	180
gtccgacatg	gcctaccgca	gcgccagttc	tataccggca	cccctggctg	attccgaaga	240
agaatccggg	gatgcccagc	atgcactccg	aaaggtaact	caggagaggg	gccgcattcc	300
tcgatcccac	actgtcaact	tgggtcaccg	gggtcaaccg	tcgtcacgct	ccttggcgca	360
tctccgctcc	tcaccacccc	gatttggagc	cgaattggat	ctcaatcttc	aggcccaaaa	420
cacgtccccc	acgacctga	cggatcctga	tctggcaacc	ccaagcaccg	accgatacag	480
caattcgagc	aatggacca	gatgatctgt	atttcattga	ccatgggtggg	ccactgatga	540
ttcatgtgaa	tcgtgcagcc	atggctacat	acccaatgtg	tcgtcttgag	cgagccaact	600
tgcatcggtc	acngctgggc	tctgactcta	ctcttctcga	gaatcgcatc	gggtcccgcg	660
gagcgtgcca	tgacaaa					677

<210> 6864  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 6864  
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 atgttgccac ctttcccgtt cgcctgacct tttttccatt cttttgtgat gttgagccag 120  
 tgttgtatat cacaagtcac ctggccttct cttactttct cctctacgct atcctggata 180  
 tagttatggc gttttagatc ctogactctac cgaattcctg ggagctatac accaccgctc 240  
 gaccgggaat cgttatgaag tgatgactga tgaatatgat gcataagtga ctogattaac 300  
 agggaggggt tttgactcgt ggctaccagt ctctttcggg tgtcttcatt tcctttcccg 360  
 cagtttccct gtctctcttt ttccatcagg gtgcgcgatgg tttttgcatg ttgcgatgtt 420  
 cgggcgttgt ttaagggttt gtccatagcg catgaagata cccctcggcc tcaatctcga 480  
 gttcagctac gaggttctgg atggagtttt tctactctgg tcgtggtgtg gctcaattgt 540  
 tcatggngat tgccttgnrn ctatctatct atctatctat atatatggac gtttcctttg 600  
 tgtggcgggg gtttgacggt cgtgtttttac tatattcggg tcttgatatg gttattatgc 660  
 g 661

<210> 6865  
 <211> 598  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(598)  
 <223> n = A,T,C or G

<400> 6865  
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 ccattctctg gggatgatgc cgccccagcc tgtctcgagt caatcattga acgcgcctct 120  
 cgttgacgag aacagctggg atccccaccg tataattact cagtgggaca tggcattttc 180  
 catggcgcct tccacagtga atacaaactc tcccccaatg gctatggatc attcagttca 240  
 agcgcctttg gcaggacaat aactgtcca gtatggacaa acaacaaagg ttacgccagt 300  
 cagcctcct caggctatct caccacctca atttaatgga caacaagtgc tctttacagc 360  
 gcgtgactgg caacaaagtg ttgccagtgt ttatgatcct aatggcttga aacgacgctg 420  
 gaattattcc gtcgatatag gtacagagca cactcagaag cgcgcacctt gaatatcagt 480  
 atatgcaata ggcactgagg actaactcgg ttggtgttta ctttgagaaa gtggctgtat 540  
 tgatgactct tgtgatatag aactcttcgt tctaatac cctnngtctt tactttgt 598

<210> 6866  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 6866  
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 gatgctgccg cagcgaagcc atcgaccgca gctggtgccg cgcgatccgc ggtggggggc 120  
 aagggccctg gtttcaaacc ggacgtgagt ttccgaccaa gaacaaggca acaatcccgg 180



cctccaattc	ccattgttcc	atatgcgctc	acactatcta	tgggtgtgtc	gtatcagcag	180
tttcgctcga	gcaagcttat	taccattttc	gatcggggcca	aagctagctt	ggaagcttgc	240
tgtacacttc	tagaagcctt	agggatctcc	tgggtgttctg	cagaagcaat	ggcacggcta	300
gggcgaaaag	ccctacacca	gattgatggg	ttaaacccttg	gtatccacaa	ccctagacaa	360
gctcacaggc	agtcgcccgc	gcctggcgagc	acgctcatta	accctacaaa	cgcacaaaagt	420
gctgcgccgg	tcttaccgct	ctcatcttat	cagcgcgatg	accatccact	tgctgacgtg	480
tctgctaccc	aacaaattcc	ctcacctcac	ggatcggttg	tccctccaga	gaataacatg	540
caagtttatg	agaccgatgg	gtttcgcgat	attgacgtgc	tttttgggtga	cttcttagat	600
ttgctttaac	tacaaacttc	tgggatccgg	ttttcttgcc	ctgaccaaca	gcatagggga	660
acgtgatgtt	actttgtaag	aaaagatttt	gggaagg			697

<210> 6870

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(650)

<223> n = A,T,C or G

<400> 6870						
gcgggatccg	gttcgacctc	tttcaagttt	aaagaagagc	aacttgacca	gcgacagcag	60
gagcaacaag	gctctttcca	agtcaacttt	gacctcttcg	aaggcgttct	gagccagaca	120
gccgactaca	gggccattct	cgacttatcg	gaggaggatg	ccgagttgat	tgacgctgca	180
tttgatcagc	aacccatgat	gcctcctaag	ccgcttgctc	cagcctttcc	caaaagcggg	240
cgcgccgctg	tgctctttaa	gcaatccgag	aagaaggagg	aagatgaagt	gaatgggatc	300
tacgtccgga	acgagcccgc	caaacgggca	gtcgagctca	agcggcctga	cattgatgat	360
ggtatatgat	gatgggtgca	ataacatggt	cggagaaaga	gagagagaga	gagaaactga	420
cagacanaca	aacgttcaga	tgacctggat	gagctattag	cactaggcga	tgataaaaag	480
cagacatcat	catctgttgc	tactgcttct	actactagtg	gnagcagtaa	tagcaatagc	540
aatagtaccg	aaaaaccgct	acaaccgect	atggcggaacc	catcaaagga	ttcaantgca	600
agacctgggt	cgattccgaa	gaaacgcaga	cgatacaaan	accaaagcgg		650

<210> 6871

<211> 730

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 6871						
naaagtcgac	tctgttgaat	acggccgagg	cgaactacgc	atctgaacgg	tttgataatc	60
gcgacgcgag	taccatgggt	gctgtgctct	atgaagctgc	ccacgctgcg	gcgaccaagt	120
cgacgactag	cgaatcatcc	gaagatggtg	tttctgacgc	accctctatc	gatcgtcggg	180
ccgccaagaa	gcgcaagcgt	gacgagcacg	tttagttgcc	cccactgccg	tttgcaactt	240
cacgacgcga	tgtgaccagg	agctcccccc	ttactactta	atacactatc	ataattactc	300
caccattgca	ctggttggtc	tggcttttgt	ctttgcgggt	ttggcgtctg	ggcatttaca	360
ttggcgggtg	caggtgggag	gctaagggtg	ctggcaaaag	gatttcggtt	ctcacagggg	420
aaaagagaaa	cataatatag	cacatgggtc	tcacaaagga	agattttacat	tggaggcatt	480
agaccgggtg	tctgggcggc	aacgggattcg	gcgcactggg	agtccacggt	ttggactaaa	540
cttagagcgc	atgacgcctt	ctttgaggca	caggtgggtga	tttgggattt	ttcttttttt	600
ctcgtcgcgt	tttctggcaa	agatgttttt	gcctcgatca	acagaatggc	tcgagtcatt	660
cttcactctt	cttgtaccca	tnnttctntt	cttttntttt	ttttttccct	ctttttctct	720
tctctatacc						730

<210> 6872

<211> 67  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(67)  
 <223> n = A,T,C or G

<400> 6872  
 gtgggcttcc tcaaatacgc attcactcng tagttcaata tttaggtaca tacgaagttt 60  
 cagatgc 67

<210> 6873  
 <211> 765  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 6873  
 ggcctcaagt cgttcgcaag aaggaagtcg taacgatacc tccagtggat ggtatatattg 60  
 aagagaagaa gaaaaaaaaa aagaaaaaca accaataaca acaattttcg actgctacga 120  
 agccatggaa acgagatgca agagtgttat gagctgcacg atctgtatag ggagttgtcg 180  
 gtcacatgat actgccaatg gggtagtgcg ggttgctcagt tttgcggatt caatcggacg 240  
 ggcctcacac ttgacagtcg ataactcgca attcttttat ttatcacctg aatttccctt 300  
 tgcgaaatac aacatcacgg ctttataaac tatctggggc aaccactaa ggggaattttc 360  
 tttggcgntt ttctctgttg tgttttgtct ccaatatcca gtcttccata ccactgcgtt 420  
 tttgggttac ttcatgccgt tgcaaacatt cgagccctca tttccggatt cttctgtttg 480  
 accgagtcgg aacttgagat gtcacccatc ggggtgctgc tgggtccgct gtgactggca 540  
 acctacgatg gtccataatc tgcacaccga atcttctggt acatgctaga aagtttgtat 600  
 tctctgagta tgccaacgaa tctggaacag tgaccanac cgggtgagat ggctcangca 660  
 tgattaacac aatgagtggt gtctgcaact gacattgata cctctcagcg tcgactattg 720  
 acgaaccaat catagtgtgg aattttgctg catttacctc tcttc 765

<210> 6874  
 <211> 678  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 6874  
 ggtgatataa ataagaacct ttatggtaac gagggatcaa ccgacgccac caacgatggg 60  
 aagggttaagt accacacatg atgtattcct tgcttgctgt ctcggcaccg ctacccactt 120  
 gctgttccag cccaagctgt cacgcatgca aagggggaaa agggagaccg gctgtttgct 180  
 cggtagatcg cgtgggtgta ccagatggag cgacgcgagt ggaacaaatt ccatcaataa 240  
 atgcgacgat gcgggaggag ctataatgga tcttttccaa agggaaaaaa aagggaaaaa 300  
 tagcaagaga gccaattaac gtcatacggg ggaaaaagca atgacgatcc gattcgttac 360  
 tcgtagacta acggcgaact cgggtccagca accttctctt tcttaaggta ctgtgttggtg 420  
 agtcagtgca cattgttgct cggcattctg agccatggct tgagaaagtc catcagggtgg 480  
 cctggtgagc cgggttaaaaaa ggcatttgcc ccgcaataac aaccctggcg cgcgtggggt 540  
 gttatccttg ggccttgggt ccaacaaaaa aaagaaaact gggggaccct ttaaacacca 600  
 agggaccatt aggtctccgg gggaaaactgg gaccctttgc cctttagggg agttcctggg 660  
 aatgattaca aaaccat 678

<210> 6875  
 <211> 674  
 <212> DNA

<213> *Aspergillus oryzae*

<400> 6875

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gcagcgcttg	gtattctcga	gtctaccaca	gtcttttttg	aagagccagt	ttgctcgagg	180
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ctatgtcgcg	gtgtgggaaa	aatgaaagt	taaactgtgg	agctaagtgc	acgagtattt	540
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<210> 6876

<211> 712

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 6876

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tccaaaaaca	cacatcccg	ttcgaactcg	tattccttac	tctgggcaac	catgaattct	180
acaatctgtc	tttcgcagaa	gacctggaaa	aggccaaaca	gctggaacag	gaaccctcgt	240
tacagggacg	gttagtcctc	cttcacgcac	gaggctacag	tgcaggcgaa	gaatcaaaga	300
tttcagaaa	aatcacaagc	tggacgattt	cgatgaccat	aatcactatc	acgaggcaga	360
tctcgactgg	ttgcttaacg	agatccggac	cgctaataca	ccgggaaatg	cgggcccaga	420
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ggcacgcgca	gaacgcctgg	agctcggcgt	ttgggactga	tgttttatca	gatgggttgg	540
atgggatccg	aacatgggtc	ttcgggcata	cgcactatac	ggactgattt	caaggaaggg	600
gggacgaggg	ttgtgagtaa	tcaacggggg	tatgtgcttn	cttgagtaaa	gacgaatgga	660
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<210> 6877

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 6877

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acccgttcag	actttgatcg	agaccctgcc	cgagactatt	gggaacttac	tgagtactcg	360
tcctgcctc	atgatctcgt	ggctcgcagt	gatcagtaga	tgatgctttt	ggctatgggtg	420
caggatgatg	atatgccgtt	tattgatgtg	ccaccctagg	cagcgatcat	tgatactcaa	480
tgctagatgc	ggtatcggag	acggcatggt	ccgtccgcta	cgatgggtgcg	aagtgtctgat	540
tgaactgatg	ctgctcctac	ttagactggc	gacatgcatg	ttatgtcgac	tgatgtctgat	600
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<210> 6878

<211> 658



<212> DNA  
<213> *Aspergillus oryzae*

<400> 6878  
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aaacgactca cgtcatcatt gaatcgattg ttttctgttt gaccgtcgat ctatcttgaa 180  
gccagagcta ctatccacta ccatacgact ttatatagcc tgatggcgcg gtaatttctt 240  
gacccatata aattggataa gggttcgaag aggaatgtga cacgtgtgat tggcttatcg 300  
cgtgaacgga gatagacatc ccgtcaccag gtggatcaag agtcagatct gatattgcac 360  
cgacacgcta aattcgactc atactgggaa cattctccat ttggaatatg ggagcactaa 420  
tgagcagcat ggggtggcgtt gttttcttac caacaccttc agttgtgccc gccaatcact 480  
ttactccttt ccagttctgc caattagggtg atatccagct tggattcgga caggatgggt 540  
ggaaaaatga cgtacacaga atgcaactcg ccgcgcagca agtcaatgcg gaggagtctg 600  
acttgtgcat tgccgtcgtt gacttaacca acaggcgaca ttcttatgaa atcacccg 658

<210> 6879

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<400> 6879  
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gtgatgtgat tgactcacct ttcgtaccaa acagcgttga tgatcagtta tggtcggacg 120  
gttatcctca ccaccccgct catctgcagg ctgcgatcga ggggtacaaa tggctcaacg 180  
cctcgaatat gatggggatc gggggacttt atggggatgg cttccatata agcgggtgga 240  
agagcgctga agagcctggc acccgcaagt gtgacgtcct aaataagatg gtatacacgt 300  
ataatcaagg agtgatcctc agcgggctga ggggcctctg gctggccact gcttcatggc 360  
agtacttata cgatgggcac gaccttgtcc gcaacgttat aactgctaca ggggtggcaca 420  
acaagaaaag taagaaatgg gccggccttg gccgtggggg cgttttggaa gaggcttgtg 480  
attcgggggg cagttgttct caagatggac aaacattcaa agggatcttc ttcaatcatc 540  
tagcagaatt ttgtcgaccc gtccgccctc aggaaaacgc ttcttggcga gtgcgaacca 600  
gacgacggga ccaggcagcg actgggagta catctatgat tggcatcaag cacagtgt 658

<210> 6880

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(672)

<223> n = A,T,C or G

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gtatagacac tgcaacaaac caggcgggtg ctgagttcga gaaacgtgaa cgccagtctg 180  
attatgacaa ccgcttgacg cacaaggtct gggaactggc caccacgaat gcaaattccg 240  
cgggtggacct cgtagtgttc ttggaacgcc gacaaccgat tggattccgc tatgtcgata 300  
tcacccgcaa tgcgtttata caccatggaa gcagagatac gcgcgttccc gttgataatg 360  
tgaggtgggt tggccaaagt atgcgacgct gtgaggttcg aatcctcgag ggagaaggcc 420  
atgggctgat ggcctcagca acagttatgg gtaatgtctt aatggaaatt gccaggagt 480  
gggaagactg gatgacggta gtccagggtg agcgtcgagc aactatagga acaagatcag 540  
gcatcgctgt tcaagcctaa tttggttgac aagatctgaa attgctgcgt cgaagtcatg 600  
gaagattcgg aggaatccgg agaactaagg atagggaaga tccgaaacta anaagaagaa 660  
gaagaaatth gg 672

<210> 6881

<211> 447

<212> DNA  
<213> Aspergillus oryzae

<400> 6881  
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gacactgttt accaaaacga aacctggct cgagagaatg cagcaatgcg agcatacctc 180  
atctgtcggg atttctccgt caacgatggc atgtatccag ctggacatga ccacggagga 240  
atcgtccagg gaatgcctgt ggcgataggt actggacgaa aggcccgcta tgatgatacc 300  
gatacatcga ccagtggagg aagcagaagc ggaggagca gtcccgaag ctacgaggga 360  
ggacgattcg ttcaggacag acccgctgtg cctcgaggg cctcgcatt cagcagccgt 420  
ggaatgtagt ctcccctgcc ctctca 447

<210> 6882  
<211> 255  
<212> DNA  
<213> Aspergillus oryzae

<400> 6882  
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cacgcttaat gactcactaa tgcttcacca cggataaatt tcggcataaa atgtctgaag 120  
gttatgctct tcggaggag aagtcctgta tggactatga aacggactgc ggcacaacct 180  
ggaatgattt tggtgcatgt tgtccctccg actcatattg cccgggagga gagagtacaa 240  
ccgtctgccg gaagt 255

<210> 6883  
<211> 666  
<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(666)  
<223> n = A,T,C or G

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gcttcttttg gctgcccag ctgcgatggc cgaactattc tcacggggac aggtcacccc 180  
gattgccgtc ttccctgagc tggctcagat atttgacaac tttgtcggtg ctcacgataa 240  
gccggacgag attgcctttg ggcagcctca ggcactactg gactctttgc tgacattgac 300  
cgtcttttct atgcaacgat caatcggaga gccttccact gagatagagt tccgacgctt 360  
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tggaacatt ctccacagtc acccgctcga cattgtccgc ttcaagacta ttcgcctggt 480  
ccttgaagat gatcgtttca anctgatcan ggacagtgc atanggtggc tgaaagatga 540  
aattcctgat gctaacaaaa agcctctggc tcaccggaat ccgacatatt catcaaccca 600  
catttacttc tcaatctent cnccttactc ttcaactcgt cggagttact cctaaacgctc 660  
tctccc 666

<210> 6884  
<211> 641  
<212> DNA  
<213> Aspergillus oryzae

<400> 6884  
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acagtgcatt tgggtggcctt tgggcaacag taatgtgata atggatggc cctccacttt 120  
gttaatgtgc gatgggtgtg agggggcgga gagacatttt aactaactac tagtactcga 180  
gagtgtcagt ccgacttgac tttgtttaag tcaccaatgg ccgaagtaag aaatgcaagt 240  
tgattgtgct tgctctgact ataatacatt gattggccag atggttggtt tctttgattt 300

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tcgcggcgct	atctctagct	ctatcgacgt	cctcgatgtg	ttagaacgct	gcgaagctac	420
tatgttctcc	tactgaggg	gcagtcagcg	gactacacat	ttctggcttc	gtgctcttat	480
ctactggact	ttcgtctcgt	cgctcgtctg	cgctgaaaca	ccattctcac	cagtcatggg	540
cggactctac	aaggagcttc	cttgaagggc	ttgatgaggt	ccatgttaat	atcgctggag	600
gcggcaccgc	gggctgggtt	cgtggcatct	cgaatgaccg	a		641

<210> 6885  
 <211> 537  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6885						
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caccgatatc	catcccatga	cagagcagca	gttcattgtt	ccctcactct	tacatgaggg	180
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ttagcttacg	ttttggtttt	gaacgctgga	tatcccatca	tctcttggtg	ccctcgtgtg	360
tacttatatc	actcatatct	cctgcctcac	gtccgctgga	gcaatgagcg	acgacagggc	420
cacgggcacg	gggaatggca	gggtacgtgg	actatcatgt	ctttttctca	tgtgtcatgc	480
cgggtcggtc	attgggtcat	agtcaaaact	aaggattgtg	aaatatttgt	tcgtatt	537

<210> 6886  
 <211> 245  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6886						
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ataacagtgt	gatcctgttg	aaccccaaac	cattgtgaaa	gggataggag	aaagagggag	180
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tctgg						245

<210> 6887  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 6887						
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atcgccctctg	aacctgaatt	tgccggtctc	catcctcttg	aatctcactc	ttctcagcaa	300
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gttcagcgcc	gtctatcgga	tgaccaggag	tcggagccta	tcccgttggg	atatgccgtc	540
gagatgttgc	cgctgccttc	tccgccagag	gaacctatcg	atctggtcgc	tggtcgcttc	600
actgtcctcg	acttggacag	ccaccactc	ccgtttgaca	ccgtatcaat	tcagctgctt	660
c						661

<210> 6888



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aagccgaatc	attttgtaat	gaaaaacaag	aaccctccga	tgat		704

<210> 6891  
 <211> 667  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(667)  
 <223> n = A,T,C or G

<400> 6891						
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tgatgttgct	actgatgccg	tatccagctt	cgaccgatcc	aacataactaa	cacaagctca	240
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<210> 6892  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 6892						
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gagtcgaccg	attcgttgta	tactcgata	ttcccaagaa	ctgagtcag	cgactcgcta	180
tacatgcggt	aggcgctgt	atgatcagtt	tgaccttagg	caacggatgt	ttatcttct	240
cactttttgc	gatattgggt	tagactggcg	tttatgtttg	tttgcgtag	gggaaagcag	300
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ccctttgtta	tttttttaaa	actttttttg	ggctttaata	agagtttttt	atatggtgga	660
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<210> 6893  
 <211> 657  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6893						
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ctcaccagag	tggcagttca	ctgtcatgca	gtcactagc	ccggacccta	cccgggttca	180
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aatgaggcaa	attcgcgatg	acattctggc	ctctgtaccc	cagcagatga	gctacttccc	420
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cgagcactct	acgtatacag	gcgcaagagt	tggtgcggat	ttccccagct	gggtgctctt	600
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<210> 6894

<211> 1047

<212> DNA

<213> *Aspergillus oryzae*

<400> 6894

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agttccttcc	cctcgtactc	tgcgtgcctt	tccgtgcgat	cccgttgccg	ccactggtag	180
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cggagagtgt	gaagacctct	atgtcgaccg	ttatgatcag	taccgtgtca	ccatcaagag	720
cattcgcaac	attgaagctt	ccgttcagcc	cagccgagac	cgcaaacaga	agatcaccga	780
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gaaggtggcc	atcattcggt	gctacggcaa	gcacctctct	ggatctcatc	gacgatactc	1020
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<210> 6895

<211> 1212

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 6895

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ccagctcggg	gaggagggtc	tcgaaaaatg	tggaggcgcc	ggtggaatgg	gtgctgagga	180
tctctttgcc	cagttcttcg	gtggcgccgg	tggctttgga	ggtatgtttg	gtggtggcat	240
gcgggagcag	ggccccaaga	aggcccgcac	catccatcac	gttcacaagg	tcaacctgga	300
ggacatctac	cgtggaaagg	tttcgaagtt	ggccctgcag	aagtctgtca	tttgccttgg	360
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gagatgtggg	cttcgagatt	gaacagaagc	ctcaccctcg	gttcacagct	aaggaagatg	720
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<400> 6898  
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gtagaaaaga gagggccgt cttcagcga cgatatccga aaatgccaa aaggaaaacg 180  
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aactcttggg ggtaactctc gcaccgacag gaaacttctt ttgtccctcg aagcaatttc 600  
ccacgntgat cgaagatgtg ggggtgtgacc tgaactgatc gggatatacaa agcaccact 660  
ggattccatg aacataatcg atgtn 685

<210> 6899

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<400> 6899  
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gactcaacaa cacaatcaat ctttcogaac ttgtcgtcgg tcgggaacca aaataccgga 180  
aggaagcttg gcctttcagc tatcaaccga ggtttcttcc caagttaagg acactttgtg 240  
cacttcgttt ccgattcaaa tacttgtttc gaccgacttc cgcgccaag gaccttccc 300  
taaaggttac attggtcccg gttccattgt ctgaggaaaa caatgacctt tttcccgggt 360  
tgaaggattc ctttatcgaa aaaagggatc tgacttcgaa ggtcatgggg gagattatat 420  
ataacgcacc gaagtgtatt ttcggagacc aaaagtcccc caaacattag actctcagag 480  
acgagacttt tcaaataagag ctctcggggc atgaagaagt gctctggact attgctgacc 540  
tgcccgggat aatacggcga aagatatcga ccgggggagt agatggatag aatgacgcc 600  
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<210> 6900

<211> 651

<212> DNA

<213> *Aspergillus oryzae*

<400> 6900  
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aaaactagag actccagacc tctgatatga tcatatccag cacaacgcaa atgcgcctca 180  
tccgaaaatt ttctttcaat agccagccgt ccagccggca acttactgta cgccggtaag 240  
gggaaacaaa gcacgcatga tttgatcatc ggtgtacatg ctttccaagc cgagaccagt 300  
aatgagttta taaccgaact gtgcctcccc gttcgcttg tatgatacca aagaccgaag 360  
agaaaaagga agaataaagc atgaagagac agatacctca caaatacata tcgttgata 420  
atgttgatcc caaaatgaaa gtagatggta catataccag agcgtatgtg actcaatttt 480  
gagagtatga tagtgcccag atgccttgct cgtcatgacg tcagttgcaa tgggtgatca 540  
tagtagatat gggtatcaaa aactgcagca cgcgattgtg cattatagtc agatggcaaa 600  
gattttaatt tgacgcgacc catgatatcc tccacggcct tttgggttac a 651

<210> 6901

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(663)



<223> n = A,T,C or G

<400> 6901

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ggagtagttt	ctctccgatc	agcaaatagc	actctgaaga	gagcctaate	ttatcccgtg	180
cggcatcaat	tgtccgcaag	caccgtttctt	ccgtctcgac	cactagtgtt	ccggagcttg	240
tgcacagctt	ggcaaatagc	cgagagttgt	ccacggtaga	ccaagccacc	tcaggcgatc	300
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tggcaagaga	tatcgagact	cangttgctt	ttcgagctga	tggcagtttg	attcttgaat	420
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agtagaggcg	accaaggctg	aactccctat	cagaggaaca	catncgcgaa	agggcagaca	540
tcgtactcgc	tctttcgctc	cgcgaacttc	cactacgtgc	ttgagtgcac	cattttatcc	600
tgaancgtaa	ctggaataan	ggcttttctt	tatcttgtcc	cttacctta	tataaatacc	660
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<210> 6902

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(660)

<223> n = A,T,C or G

<400> 6902

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gcagccacag	tacatcttta	ttattgttgc	gcagcggatc	cacgactgaa	gcaaaaatca	180
aaaatcgagt	acatgaacta	tattcgtgtg	cacatccgtg	gtgatcgctt	tctctgcaga	240
ctgcaaagct	tatgacgata	ctctgtgcat	gatgacacgg	attgcatgcg	gctcggaaaa	300
tgtgaactac	gactggatgc	cgtccaagat	ccacctgagt	atcncggtga	tgtgggacct	360
tctccaaatc	aactgtatgc	cggagcctcg	ggagatgtct	ggtggcttat	tgcacccac	420
gctgataccc	gccatttcac	gagacgatac	cggggaaagc	tcctgtacgc	tagaagtcac	480
tgtggccatg	tcacctgaag	tactgtcaa	tacggcagat	ggcggacagg	ccgcccatat	540
gcaaccgagc	gtgaccaaca	tgtcctcggt	gcaatcttca	accgaacagc	ctcgcgttcg	600
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<210> 6903

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6903

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caagagaacc	gtcaaggaaa	acgggtccgc	ggcgggtgtg	ttaagaaaaa	ggaagggaatc	180
tcttggtggt	tgaaggaaaag	aacattttgga	atcaggtcac	acgtcacagg	acctcagtga	240
cgtatatggc	gcttttggaa	acgctgcgcg	cgtgtgtgtg	ggaaagagaa	tatggcacga	300
taggggataa	tatctggccg	agaacggaca	ttttgtcttg	cgcgatctcc	agcgtgatgt	360
ggatagactc	gcctatgaga	agatgttgct	ccatctcctg	atgttgcatc	actgacagat	420
gcacacgtct	cggagctgaa	tgattttgtg	ctgtattctt	ggagaagcat	ctctagacgg	480
catgctcttc	gtaacaagat	agtgtttggg	tcggcgacga	gcactgctac	tctgaacgat	540
ctactcatga	catcgtcgtc	ttgaggctac	gaactgtgtt	tgctgataag	ctggatggag	600

catgactgta gtgctactag cgtataatga tgaaattcct tctaaacact ccctgagg 658

<210> 6904

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 6904

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gacagagccg	cagagcatgc	ctcaaacc	caccaggact	ttgcgtcatg	gaggaacagg	120
acccctcacc	ccacagaccg	atcgcccggt	tcgaaatacc	cctgagtcg	ggcgaagaa	180
ctttcagacc	ccttcgaaaa	gtgcaaaggc	gcgcgatgat	actgaggact	ccgatgagtt	240
cgaatgggat	gatatcattc	cagacgaagc	cactacagcg	cagcataagc	ctcgccaacc	300
cgactttgga	caagttgctg	gtggctcgga	taccgcccc	cggaagacgc	cgcggacggt	360
ttatctaacc	tcaccagta	aacgggagct	gtctgatatg	gagagcgcat	cgtnctcac	420
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gatctcgant	actcctactc	cgagcaaata	ttagaatg	ctgtctactg	attctgcggc	540
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gcaaggaggc	tcanganggg	ctcacagagt	tacttgaacg	acatgacatg	aaaaccagag	660
gcata						665

<210> 6905

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<400> 6905

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cattgccttc	actattgtgc	aacggccaac	aggcaacatt	acgacgcgcg	ttgccccttc	180
tttaagcgcc	ttcgatcgcc	cgttcgactg	taccgtgcta	gacacagctt	tcggagatag	240
accaaataca	aagaaaactc	gtctcttttt	ctgttcactt	ttccgatcaa	cggccatagg	300
agcgatcttg	aacaagagtt	gcgccaactc	ttgctaggtc	ctttcgcttc	catgggtctta	360
tagagacgaa	gtccatgccc	cacgttccca	tcagtttgtg	agatatccca	caaaccgatc	420
gtttcaacct	atctgaaaca	cgctggaatc	gcctccctcg	gtggctccta	tgcccgcctc	480
acggaacccc	gctcggttct	cgagcgaagc	tccttcgcag	tcgtcatcct	cgacatcccc	540
ggaccggaac	gttgatgatg	acaccgactt	cttcacagcc	caagcaaatg	attcgcaatc	600
atctgggtgt	ggattgcgac	ctcccgtagc	ggacaccccc	aaaatgaact	ttatgggtt	660
ccccg						665

<210> 6906

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<400> 6906

ctcgagtacc	tctacaaggg	cgattattac	ccccagctgg	tgcacaacaa	gcaattaaat	60
tcctgggaat	tggaagatac	gggaaccgat	aaggatggcc	agagtaatgg	ggcgactttg	120
tttcatcatg	ctgctggagc	ggagatactg	agggatacgg	ctgtttactg	cgcggcagat	180
aaatacgggc	tagatctcct	caaacgccta	gcctccgga	aacaaggcct	acactccggc	240
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cggagcggta	cgatgcagat	ggagatggaa	caaggaggga	aattgttttt	tgatcttttt	420
gtagcgatgt	gtaatcatat	ggatgatctt	acgtctaagg	ctgagccttc	tccaggttat	480
tgatatccac	tggtttgggg	tcttcgtgcg	acttggttat	ccgatataata	atgtatgatg	540

ggatgttatg	cggttggtat	ttttgttgaa	atggccgttc	ttttcagcct	gctacttgta	600
tttctagggc	tcttttgtaa	gagtcgatgc	aggccatctt	tgacctacgc	ctaacaacga	660
ttgttcacc						669

<210> 6907

<211> 1154

<212> DNA

<213> *Aspergillus oryzae*

<400> 6907

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ctttctcgtc	aatccccggg	gtcgcagaag	aaaaagaaaa	ccatcggaag	gaccgtcctc	120
gtcgcctcgt	taggtggata	gaaaatggga	caaaggcata	acagacgtcg	cacacgcca	180
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atctcaatac	ccttcgcccc	gacctggcat	tatgggtata	caacatggca	gaagcgtgac	360
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aagccttacc	gccatcagcg	cccatatcac	catatttgga	atggtggaat	caaataaaaa	600
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tgatagcagg	aaatcaccaa	catgaaaata	gtcgggatca	ccagttccgt	gggaaaacca	720
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tccctgcccc	gactgttaca	cgatccacca	tgctgttcga	aaccaacgat	atagagagga	1020
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atgtgggttc	gtccatggaa	aaaaagaaaa	tgaagctcaa	aaccctcgta	tgacttcatg	1140
agctgatttt	tgtg					1154

<210> 6908

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 6908

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tcgtgaatgc	cctcagctcg	cccgaatcct	cctcatcttt	atatcgaagc	ctccttcaca	120
gatgttgatg	ggttgagaca	ctaattggaca	aggggggtgt	tctccaaaga	tgtattatct	180
tctgtgaaa	ggtgaatgtg	ctcgaatgca	tcacaaaagc	tgctgttgga	actgcaagca	240
ctgttggggt	catgatccac	tgcgccgaag	tttgcatgga	tacgtaaagg	gaaacaagag	300
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tggggtccct	tgaggcgcg	gcaagtagag	tattcatgcc	accgatcaaa	gatcagtcgc	600
aatacgttat	ggctgttata	agtgatcgca	gtagtcaagg	gagttgatcc	gtcggcagag	660
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<210> 6909

<211> 725

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(725)

<223> n = A,T,C or G



<213> *Aspergillus oryzae*

<400> 6912

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gttcccttct	taaggtcact	caacctttct	gacaaggggt	attcattggt	acagaacggg	180
aacacggcct	taatgatgtc	gcagataaca	tcgaacaggc	cacatttggt	tgaggacgac	240
ttaccgaaa	gtgcgaacac	ggaacgaaag	atcttcgcag	aatgggcatc	ttcagttccg	300
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atgaaggtaa	accaagaagt	aaagatcgaa	ccaaagtgtc	gcctactttt	catcttgctc	600
tagcggacag	attgtacgaa	ttattatgcg	ggaatagtgg	ggaatggaga	accctcatgt	660
ggggtagg						668

<210> 6913

<211> 702

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(702)

<223> n = A,T,C or G

<400> 6913

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cacgtctatc	atcgccctac	gtaagaggcc	tcgaaaagca	accacatcg	atggaagaag	360
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atatatttgg	gtaatgaatg	gggtaagcgt	tcgggggggg	tgataagggg	tttttcccga	660
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<210> 6914

<211> 658

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 6914

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tgatggagaa	acatttgggt	ggaatacggg	aaacgccagg	gaatcacaat	tgattataat	600
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<210> 6915

<211> 674

<212> DNA

<213> *Aspergillus oryzae*

<400> 6915

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ctcccatggt	ccgcccgcga	gaaccggaca	cagagtggcc	cgcggtctgg	ctctgattcg	540
ggatatgcgt	tggttgacta	gaaatataac	taaaccatgt	gtagctgcta	gtttcacgaa	600
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<210> 6916

<211> 1087

<212> DNA

<213> *Aspergillus oryzae*

<400> 6916

gttgtgttaa	aaaggtttgt	ccttttcttc	cccggccagc	gtctccaatg	tcatagaaca	60
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tttcattctg	accgtgtcct	tcggtccata	gaacatcttg	cagaaaagcg	ccgctccctt	180
gtcttttgcg	ataccgattt	ttagtccctc	gcttgcttcg	atcctgcggc	agatagtgat	240
cgatcagcgc	actttgcatc	tcatttcgat	tcgacctaat	tgactacgaa	ttttcttcat	300
tccgatattc	ccagctttgc	aatcatggag	tgtttccggc	agattgggtc	actgggttaag	360
gccccattcc	agcgtgactc	gcatcacaag	gcattggaaa	tcggggcccc	aaccaacttc	420
cgcaaggagg	aaatgccgac	tttcttccca	gatgacgatg	ctcaaaccatt	acatagccac	480
agctcttccc	tagagaagga	ttcaatgatc	aagaccttgg	agcgtgaacc	ctcagctcgt	540
caacgaatca	agaacaacgt	ccgaagactg	agtgtcagag	tagcccggca	gtctcagaac	600
acgaagactg	aggctgtttg	ctcaaagccg	gcacgggaat	gcctggcttg	ctgaacctca	660
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taaaccatct	gcggattcaa	agcaggaaa	ttggaacttc	gttgagacgc	gatttcttcg	780
actgcggatt	gttcccacgg	ggtggagttt	cccgtcgggt	tttccataata	gacgggtgaag	840
aacctcgacc	ctgtacttgt	acgtctgaat	ttttagcttc	tggcagctca	acaaaatcat	900
catcaaaaag	caatctcctt	ttggattggg	tagcggttgg	tgtcttgtat	ctagcattga	960
tagactgcat	tttctctccc	cggctccttt	taggggtcaa	agggtatg	cgagaattcg	1020
acgacatcga	atcagaacta	atgagacgag	ctttctgagt	gggaaaaaaaa	aaaaaaaaaa	1080
aattcct						1087

<210> 6917

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<400> 6917

ctcaatggac	atcgactcat	gtttcgggtca	taagaacaaa	caaaccggag	aggatacttt	60
ggtagcttgt	gtcaaatgtc	tcttgcaatg	tatcaatcta	acatgcgccg	catcagctga	120
agctaccaat	aattctatgt	cagacataaa	gcgacttctg	cacgaaacat	tggatagtgg	180
aggcagaaat	gtgcagatca	cgctgtacga	gcaactccgc	atgttcttca	gtagagtaac	240
aacaggggct	ttagaatcac	acgacgagga	acctaagctg	cgcaaagtac	aaaagtcttt	300
ggcggccctg	gcaggtgaga	tgttgtctcg	ccagatagat	gtgactgcag	aagcaatccg	360

aagagaacgt	gcgaggccg	caatgtcata	cattatgctc	tgcagacaac	ttgatattgg	420
gcttgacatc	gatggggaac	tctgagagtt	actgaaatcc	tggaggaagg	gcgaaagatc	480
cgggccggtg	cagcaagcac	tagaccaagc	cctagcgaga	ctcatgcaat	gaggcacgag	540
ttgtccacgt	cgcaacgagc	atgggtagca	gctaaggctc	acccgaagca	ttcgaaaagg	600
ctacgacatt	attcaactag	taagccgtag	cctattaaaa	ggaccttaag	tgaacgatag	660
ccttcgtttc	atgaagatta	aatgccctaa	aaaa			694

<210> 6918

<211> 526

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 6918

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aaaaatccgc	atcacatcca	tcgtaaaaac	aaaacagtca	aaatgggcgc	ttcttccatc	120
tcatctccgg	tgaacttcat	ccttcctgcc	tccagctccg	gacccctcat	caagaaaccc	180
atcaaattccg	tccaaaaacc	atgtttcggc	tgtgactgtg	gtgatgaaga	gtgcgattgc	240
tgcattctgca	ctgtgatgta	atggatgtga	tgatggccaa	gttcgatccg	ttgacgccaa	300
tatagtccgg	gggtaacggg	tgattcaaat	atatgtgtgt	cttgatgata	taatgcttga	360
tgcggatctg	ggagggttat	ggccacaggc	gggaggattc	ttgccgcttt	tctgagcgat	420
gattgggtgat	tggtactgct	atngatatcc	atttgactat	tctctcttta	tcagtcttga	480
accggagtct	gagaaaagg	gtgggctttc	gccctctctc	ttggtc		526

<210> 6919

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 6919

ctggtagagc	aacactcctt	gtcaaaaatg	attaacatgg	ttcctcgaca	tccttatgag	60
ttttcggaga	gttactatgc	gggtgcacgag	ctattactgg	aagaagccaa	gcatgagcat	120
ttagtgactt	taggcttacc	agtcacacag	gtagctggac	atgtgtttta	aagataggac	180
tcctcttttc	tggttggtta	caaccaaacc	agccaagcat	tgaggcatgc	agactgggct	240
aattcatcat	aggtcctgaa	gaatccttga	ggcccatacc	gtgttggaat	gcaacctgac	300
tcgtccactc	aggtagtaag	aacagctgtg	tgcattatcc	ttaatgtaca	acgcaaggca	360
gcttcactga	ggcatggaca	gataagataa	taacgttatt	attgggtta	gaagctactt	420
gtataactta	ggaaatcggg	atacaattgc	ctcttagagc	acatgtgacc	attgaaccct	480
ttatctccgg	gcgagtgaat	cattttcctt	gtctgcatgg	catactgaag	caactgaagg	540
acttttcggt	gaatttcaat	taattcacta	ccgtgggagg	cttaacaagt	gggatttctt	600
tgtataagaa	agccgctttc	ttgttaatga	gagctacttc	catattttca	tcccatgcgg	660
ctagccccgat	aatatg					676

<210> 6920

<211> 553

<212> DNA

<213> *Aspergillus oryzae*

<400> 6920

cagcagtctg	agacagtatc	ctcgtctgct	tggccatata	cttgctgacg	ggcttctttc	60
tctttctgtg	ttgtttccgt	cgtctctttt	atcaggttcc	cagcttccgg	ctacgtccca	120
ccttgcttaa	ttggggcacc	agctcctggt	gttactgcga	atcgacagta	acttataacc	180
ccgcggccga	gaaattggcg	ccttatacta	ccgtggaaat	cgcttggtgt	agcttattgt	240
ccctgctggg	ctgattgtgc	aaggcggact	ttcattggcc	cccaagaatc	aattcagctg	300
cactcttcca	tcattggggg	ctggctctct	ttttcatccc	aagtgacaaa	gcctgaaaat	360
tgcttggtct	gagaggggtg	cttatggcag	aaaaaaagcg	tcacggtgcc	ggagttagag	420

cgtcacgcga	aggagcttct	ggtgccacag	gtcagggaa	ggccggagct	atggttcctt	480
tggaggtcgc	tttgagcggc	gcaatcggcg	cacgccgtcg	cattactacc	ggcccgggct	540
tcaacgacat	tcg					553

<210> 6921  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 6921						
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gacactcttg	tcaaacacat	gctggcctcc	ctgatatgcg	gaggccatca	actgcatagc	180
tttttcggaa	ggtaccggac	caaaatggat	tattctcaag	cgaccgtcca	gtggaacaga	240
ctcgggtgag	atcacgaact	ctctttcaag	tctcgggacc	atcgttgcca	gcacgtacat	300
gtgttctttg	atctccatgg	tatccacata	ctcgtgtgta	gcttcaactat	cccacttggt	360
gagactaatt	gtaccggcat	atctatggct	ctcagcacca	cctggaggga	agagaagttc	420
ctctgcagcc	aatttaaacc	tatcagcgcc	gaatctgcgg	tattcagtag	tatcaactatc	480
ggcaaccaag	gcggcggtga	tgccccagct	tgcaacaacc	gcaccatgta	ctatcgggaac	540
ttcatactta	gttttgatgt	tggcacttat	actagcccga	gaacggcctt	cctcgggtgac	600
atattgcgcg	cggggtgaga	attttgcgcc	gaaaggtcng	taaaggcctg	gtctttcttc	660
caacagcttc	ttan					674

<210> 6922  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6922						
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tatgtcactt	tgcccctggc	ccacactttc	actaccaccc	ctttggcccc	tatccttaac	120
caaaccccc	gccgcacctg	acccctcaa	gccctcatac	tgtgcatgtg	atgtgggttat	180
tgcacctcgt	tcacttcaaa	ccaacgccaa	atcaagcttc	cgttgcttga	ttgatcttga	240
atctcaactg	aagtagagca	tgtttctagt	tagaagcctt	gtatcatggt	cggatgggtgt	300
aatacgttgg	gcttcccttc	agtgaagctc	gaacctgaca	gggagcggcg	ggctccatcg	360
ggcccgacac	ctatagactt	cccagcgat	aagctcccgg	atgccacaga	tgatgatccg	420
gatgcctctt	tgccgcaggt	gcatgatatt	ctagcatcca	tcataaggcc	acaacatatc	480
acgctcgaca	agttcaaagc	tctcaatctg	aagggtggaag	caggtctttc	tgcttcgtgt	540
attggccgta	aggatggggc	agatttcttt	ccttctttac	cttgggagga	cacttcaccc	600
aattccggcc	cgttgaccga	agatgggttc	gcgatcttaa	tgcaaaatgg	gaattcct	658

<210> 6923  
 <211> 616  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(616)  
 <223> n = A,T,C or G

<400> 6923						
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acagcaactc	acgcattttc	tgtaccagct	gattctaata	cttgactctt	ttttatcctt	180



[illegible]

<211> 610

<213> Aspergillus oryzae

<221> misc feature

<223> n = A, T, C or G

atgattagag	at ttatctat	ttcattccct	gaattcctgc	gtatattcat	gtacttgctg	60
gaattgacgt	ccaccgggaa	cttgcggtcca	gactgcggga	aagccactgc	cgcttgcaat	120
tccgattctt	agatagaggg	tgggaggtgg	gcacaccatt	gataccgtaa	caaatcatga	180
aggcgagttg	tagtgcacag	cacgagtact	gttccttcca	ctgaattcat	atattgtaag	240
gccttcctca	agtgtatttt	agtgtttcac	cttcaaattcc	tcccgttca	acagctggat	300
cttgoccatc	gtcagcacgg	gtgtattttac	ccctgcaccc	gcatttgcat	cagcactgtc	360
ttctagactc	ttagctagag	atctgtcgta	actcgtggga	tcgatgcta	agatcccacc	420
cacataccct	ntctttctcc	aggtacgctg	aattcacgaa	atagggattt	ccactcgttc	480
aaccaagcct	tgactggctt	tcttatcttg	gctttcccat	tcttaaaatg	ggggcactgt	540
gccctgtgat	gcataaaata	cacgcgggcc	ttcattaaca	tgcttgaaga	ggatcttttc	600
ccqqtattta						610

<211> 650

<213> Aspergillus oryzae

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gcggaagctc	agtaaagctt	taacgggtcc	ttcgcccttc	agtgccttcc	gactaccgac	180
ggattgaatg	gacatgtgac	tgtggtaaag	aattgtatgg	tgactatcat	aaatcggggcc	240
ctgcatcagt	ggaggacttt	tcatccaatc	tcaagagaca	gcggggtatg	aaatttaaga	300
ctactccagt	cagcgtgcc	ccccaaagcaa	ctgggtgcat	acctggccat	gatcaacctt	360
cagagaacac	tggagataaa	tcaggctcgg	accatagcat	gaacacggtg	gatatgatcc	420
aatctgattt	gacctacct	tcacacttga	ctcaatcaca	atcaacaagc	accaatgaca	480
ccactcaaac	aacaactact	aagcgctttt	tcgaactttg	tgtaataacg	ggggaattca	540
gtattagtct	cggcagatt	gacattactc	acgtccagag	cgtatgtag	ctttttcaaa	600
aqatatacca	qcgatataaa	qatatttcqg	qcccatcgca	tgcgttgaaa		650

<211> 302

<213> Aspergillus oryzae

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ctacggagag	gtccactttc	tcttttacca	cgctctgga	tgtttctttt	ccgctccaagc	120
tagcttgctt	gctttacccc	gcgggcgcgc	tcttcacggt	cttgatcgcc	tctacctcgc	180
cctgacaccc	tttgctccaat	cttctgattc	tctctatttc	gcaaaactcc	ttcacgatgt	240

ctgcggaaca acctgccgaa actgcctccg ctggtaaccc tctggcagat cgtatcacga 300  
cg 302

<210> 6927  
<211> 673  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(673)  
<223> n = A,T,C or G

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ggagaagcct tgctacgttt cctatgattt ggagttggac aagaagcttt cggaggacac 180  
aactgtttcct gtcgaatcct acactctccc tgacgggtcgg gtcacccgtg tcggaagtga 240  
gcgttttcgag gcccccgagt gtctcttcca gccgcacctg gtggacgtgg atcagcccg 300  
tatcgccgag atgctcttca acaccatcca gggcgccgat gtggatgttc gctctagttt 360  
gtacaaggcc atcgtgctca gtggaggaag cagcatgtac cctggtctgc catcacgact 420  
ggagaaggag ctgaagcagt tatggctcac acgtgtactg catggagacc cggagaggct 480  
gaacaaattc aagggtcgcga ttgaggaccc gccaaagacgg agacacatgg tcttcctaag 540  
cggcgctgtc cttgctaatt ngatcgccga caaggaggat atgtgggtca ccaaggcaag 600  
aatggcaaga acanggtgc tcgtgccctg gacaagcttg ggcccanata aaccgaaaaa 660  
cgttggtcac gtt 673

<210> 6928  
<211> 671  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(671)  
<223> n = A,T,C or G

<400> 6928  
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gcaattgacc tacagcgcac gcgctagcaa gcaccccaat gcgctcgtaa agaagctctt 180  
cgaggttgcc gaggccaaaga aaaccaatgt caccgtttcc gccgacgtga caaccacaa 240  
agagctgctg gatttggtcg accgactcgg tccgtacatt gccgtgatca aaactcacat 300  
cgatatcctc tccgatttca gcgaagaaac catcacccgt ctgaaggccc ttgcagagaa 360  
gcacaatttc ctcattctcg aagatcgcaa gtatcatcgat atcggaaaca cagtccaaaa 420  
gcagtaccat ggccggcactc tgcgtatctc tgagtgggcc cacatcatca actgcagtat 480  
totgcccggt gaggggtatc tcgaggtctc ggcccagact gcttcggccg aggacttccc 540  
ctacggctcc gagaggggcc ttttgatcct tgcggagatg acctccaagg gatctttggc 600  
taccggtcaa tatactactt cttctgttga ctatgctcgg aagtataaga agtttgtgat 660  
gggattcgtt n 671

<210> 6929  
<211> 737  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(737)  
<223> n = A,T,C or G



<210> 6932  
 <211> 540  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(540)  
 <223> n = A,T,C or G

<400> 6932  
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 tttgatggta tacccaatgc agcggacttt gtgagttaac cgagagacga ccacacgaaa 180  
 atgcgggggt aggatgcaat catcaacgat gagcaggacg tggcgaaagg atttaactgc 240  
 atgacangcc gatgaaaatc gcgacgatct tggagccaac gggacaccag aatttaattg 300  
 ccctgtaaaa tcccgcatat ttcctcggat tggctattag aaggggcca tcaaccatgg 360  
 ctattacata gatatgtgag gcctggaaaa attttcaccg cacttcgaaa gtccgccccat 420  
 gatggctcca gattttaaca tgggatcaca gaacagtgtt tggagcattg ggctgatcgg 480  
 cgttgttcgt aataatctgg ccctgggaag tcttcttaaa agtgataaga tgcggcgtaa 540

<210> 6933  
 <211> 697  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6933  
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 tatgataggt cccaccactg tctctccgtt ctccacactt gcttgacttt gacgacttta 120  
 atgatctgca cctaacaccg gtgtatacgc atgagcacga taacatgcct tctgatgaca 180  
 ttaactcacg gacctctgag tctgatgatg gtaactggtt cgtcttccac gctctgggcc 240  
 tttctctttt caatctggct ggctccagta acaataaaga tctcgatgag attctgtacg 300  
 acaaccctc tgctcgcgat agctcacagg ttgccagcta ggaaatctct ccacacttac 360  
 ggatacagca aagagccatc gaacaactcg atgcgcgcaa gagacataag gaagatgacg 420  
 aactttgtgg cgtaaatgct attgcagaag ctgaagtcta atgcgcccac atcatcgcta 480  
 ctcttatagc acgggacata aatctctatg gttcagaagc tgctctgagt atacttccat 540  
 acgagagtaa ttgataccgg cttgagactg gagaaaccca ccatttggac tttgatggta 600  
 ttgatgttac atgcttttac attagaatac gaccgccgag gtgtacgtga agctttttga 660  
 cgatatcgat attgcggctg cgcgcgaaaa aatccca 697

<210> 6934  
 <211> 557  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(557)  
 <223> n = A,T,C or G

<400> 6934  
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 tctgttcacc attggaagtc gtggttccat atggacatgg caaaactcag tgtcgtcagc 180  
 gagctctgtg gcgatagctg ccttctgcgg caatggaagt tcgcggacgg gtggattttg 240  
 acgaatggct tctcggatc gaagtatagc aaggagctcg atccgaacga caagaccatg 300  
 gaacttacat gggagggcca aaacggcgca gtacacgaat cgttcctgca cgagtccggt 360  
 cctttgcgcg aaaaggactg ggatnagttc agctacgtgc tggagactc cgttgtcgat 420  
 ggcaacaagg tacggcaatg gtatgtccat cgcgatgctg agaagggtga tcanaatttt 480

agaattgatt tggcgagctc aatagaggac tgtatgagtt ctcatTTTTgc cgctgggtgg 540  
gtttctttttc tactacn 557

<210> 6935  
<211> 659  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(659)  
<223> n = A,T,C or G

<400> 6935  
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ccccgaatt gcctgatttc agcgacatgc agaccaagag ccaaagcaac tgcacccttt 180  
gocgctgggt tgtgctttcc actggatatg gtgtttgctt ttgtgttgct gacgctgcat 240  
aacgggtggg gaacttgatc ccccgctaga acgttttagc gcatcccttt gagaaatcct 300  
gatagacggt atcgtcaagc gccctgttgt ttgggatttg gaactttttc ttatcgccgt 360  
cttttctatt tttaatcggg ttggatgttg gggattgtag gatgtagaag acagtactgg 420  
acgtatgcat cgtcagcaga tatccactcc attgatacca atgttgctcg tagaactagt 480  
ctggtactac gggtaaaata tatccaacat gtactttntc atcggctcgg ttggttatagt 540  
atcacgccag tttgaagata tcagttctga tgcgctgcta cgtgtttttt tggagaagga 600  
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<210> 6936  
<211> 685  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(685)  
<223> n = A,T,C or G

<400> 6936  
ggaaaacttct aggttttctcg ataagataag cgattcgttg cgatggatgg ctttacctcc 60  
accgaaaatg tacactactt gaacatgcga taaaatgata caccaatttt gaatacgtcc 120  
ctgctctatg ctgtttcact ggaactgatt tccagctttg tccttccatc taagcataca 180  
catgattgac attagcaaaa tcccaacagt tttcaatatg ttgataactg tttggagcct 240  
cggcatctca acgtgtatta cataagccat atccccatct cattttcttc ccccttgctc 300  
agctgtcgac cagttcggta tcaattgctt caccgtatcg ctctgggggc attctcagcc 360  
gttactgcta ctaactcaaa ccataactc aatcgtgtca tatagcacac gggacaatcc 420  
accgtcagca gcaggaagcc cagataaagc actcaacagc tgccatccaa atacgactcc 480  
agaanaaaag agcaacagca gcacagcaaa gatcgaagat gtctttcaaa cccggttctt 540  
ctctggggcc ccaaagcctt acaaaagctg tatcttctaa ggtacaacgc tgtcagctta 600  
aacctttggg gaaactgcac cctccgctgg ttttacttct tacaacaaca cccagagaa 660  
aaattccgcc attttaaaga aaatt 685

<210> 6937  
<211> 718  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(718)  
<223> n = A,T,C or G

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<400> 6937
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gatcaggagt ctttcgatgg aagtctcttg aactcaagca gcaactctcg cctctttcat      120
gtataccata ctttgtggcg ctatgattac accgtgactt cggacgacaa gacacctctt      180
ttctttgtgg atacgtcgtc tttcacccca aagaagccag acctcacatt ccatgctggc      240
actgataaga aggccctgtg tgtgggcgtc tccaaattcc tacatttttc aaggcacatg      300
aaagtagggc ttggtgaccc gcagagtatc gaccaagttg agtgggagga ccttatctct      360
caaaacatca ggagcaacaa ataccgctgg caaatgacag tccgggggtgc ctatggagca      420
gaacgacggc cttttatgtg gaagagaaca cactctgttg cggtcgaggg ctccctccgca      480
tctaaatgga gtagtcgcaa cttcaagctg gtcgatgagc aaaccgggtc gattgttgca      540
atctttacca gcactgcttt caaaagcgtc aagaaaagcg gcaaaactcca natcgactcg      600
acgaactatg gcgaggaggc tgatctgatg gtccttatca ctgcgctttc tctgtacgag      660
aaacaaagac ggcgacgaca tancaattga ngtngccngc ggtgggtgaa gatngtaa      718

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<210> 6938

<211> 641

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(641)

<223> n = A,T,C or G

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<400> 6938
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acattttatc tttttactcg agtgtgtgga ggccaagagg tacgatatgg cagagcagcc      180
gctcaaggaa gaaggaaggc aaggagttgc tcgttcgctg tgttgggggg tagaaaaagg      240
agtgttccca agcgcgcgcg tgcgtcaatg aaaactgggt ggtataaggc aaggttgatg      300
tggaacttga ggtacaatcc caaaagaatc agaagagtca aatcgccgat gattaaggta      360
ttaggggtcaa aggtatatat gatggtgaga agatcagaac cagctgagcg caatgtatgg      420
gaaaatgtag ggggttttga tcgatcgcaa gactgatgag gccgaagatc gaaacttgtc      480
gcactaatga atgggtaatg gccaaaaggg accactttta gtgggtagtt atcaaagccc      540
ggacgggggt gataggggaa atgcacgctc gggggaagat cattcgggcc aaagagaagt      600
gtaagtagta ttcgttttgg gagggggaaa ggatctaaaa t                    641

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<210> 6939

<211> 660

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(660)

<223> n = A,T,C or G

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<400> 6939
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caacatccgg tcctctcttc gacacgtcta tcctagcggc catcgaacag aaataccacc      120
tcgaaccaca cagaaccaac tctgcagtct ctaatccct ctgtgaaaaa ttccaggatg      180
ccgaccattg gatcagcctg gctccatata gcacagccga tggggacctg gccgatgccg      240
tgaaaatgct acttatatca aacgaaatgc tcgctttact acgtctagca aaccacaaga      300
agatcccact agcgaccctt gataatctaa gttggggcca cagcttcggt gtcaaccatc      360
ttccggacgt agctctgcaa gcctacctac tactaaacat tgccgctgct gtgaaagcca      420
atgccaacac cgggtctgcg gatgtcactg tccgtctgac ggagacgcag cggttcaggt      480
acttcgctga ctgggctttg gcggatcatg actatccggc gcagaatatc ccgcatcgtc      540
agtgttggaa tgcgaagggt attactgata ttcattgctc atcgcgggat ccgntganac      600
ttgagacgga tggggaaagt caagatatga aggcgttttt gaagatgtgt tgtgagctgt      660

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<210> 6940  
 <211> 305  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(305)  
 <223> n = A,T,C or G

<400> 6940  
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 gtcgaaagca actccaagac cggatctacc acttctatga cctcctcttt catcatcccc 120  
 actgggaaca tgttcgaaga tccggaatcc tgagcattcc taccaccgac cattttctga 180  
 caggttcttc gttccttgta cccattatcc cagtcatcac acagccaggc tactgccgta 240  
 gtctcgagaa atggctccta gaccgtggaa tgtacacgca tggggtgcgg tatcccgttg 300  
 tgccn 305

<210> 6941  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = A,T,C or G

<400> 6941  
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 gaactcagca catcgggttc ctccgctcgg aactttgaga gcgacgacga tgattcgagc 120  
 aatgattttg cagcgggaatc agcatcccag atcaatcaag cctggcctgg cgtcgagacc 180  
 ttcagagacc tgtggtcacg tgggcacggt gaccctgaac aaatcttacg aatcatacac 240  
 gaagagggcc gccaggaaga gctcgggttg gttgtcacgg ccatgacaaa gcttcagcgc 300  
 agtgatagtc ctagagtgtc ctggtctcat gatcaaagct cctcaggtcc atctagtatt 360  
 gtcccgggtc cgggcgagac agactcagag tttgcaagtc ataacacaat tgcctccgca 420  
 ggctcatcac taccggattc tcattggaac actacatctc agtcgtcaac tcctgttggt 480  
 cggccctggg atatcgcgag cccgcacgct agaaacgatg ctgctatgga ccagttgcac 540  
 actgacttcg ctttcgattn tccagaactt ggacctggaa gcgaagagga tagggagtcg 600  
 cagtcagatg ctctagctc agcaaatagac ttagttgggg ctgtccagaa nttcaccnc 660  
 catgaccctt caagtgcana caaatcctgc caatta 696

<210> 6942  
 <211> 256  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6942  
 acaagacccc gatccaagag tgaggatggt cccaccctgg ttcggttggt agtgccgctc 60  
 gttttctctgc tctggttcgc tctcattgct gccactatca aactattgat tgcaaagggtg 120  
 gagctaattt gtcaatttcc acgacgacct tctcagatga gtatatgaac gtggagttcc 180  
 ggaacagacc taaaaacgct ccgtcccctg cattgcttag cccctcgcgt gggatcgact 240  
 cctgatcaaa aaggtc 256

<210> 6943  
 <211> 657  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6943

gttcccttca	cagttgacgt	tccccaccct	tcacccacag	ccgaacagtg	attttctctc	60
gtcattccga	ttcgcgatta	ataacctcgg	cttcaagaca	attcctgttg	cgcgacgaac	120
gatacacacc	gtacatgcgc	ggatccgagt	gcgcaagaac	actcgattgg	tcagggaaaa	180
gctgaaggaa	cccgaagga	agcaaagcaa	aagttgaagc	tactcttaca	caccgcatcg	240
atgccagtg	gcgggtcgtc	ggcgagactc	tgcgtggact	acattccagc	cacgctgggg	300
tctcgaagg	tgtaataact	gcctcgaggc	acgaaggccg	cctatgccag	acaatgcaga	360
agaagtgtac	aacggtcata	tgccagtgtg	agccgttccc	agacgccaa	cccggcaatc	420
atccatataa	ccaaaggctt	gaatacccg	gggccacggc	tgggtcatga	gtatatgcga	480
cagtacgcat	cagcagcagc	gaatgaagca	agtcggatgt	tgcagctgag	ctacagggtg	540
ggcctttcaa	agagtatgat	gcgcgaatgc	tacaagggtc	gctacaggat	gaccataacc	600
ggagacgtac	gtcctacact	cttcttcgct	attaacggtc	aacccaaagg	gcatggg	657

<210> 6944  
 <211> 395  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(395)  
 <223> n = A,T,C or G

<400> 6944						
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aatcctttta	caaacacctg	caagccaaga	gaagagcaaa	aggcaagtga	taagactgat	120
gctgctccta	catggatagt	tctggggggc	attatactgt	aagaatctct	cttgaaccag	180
acttcgcatg	cttcaaggca	tggataaacg	aacggttcgc	gatgaattca	gcgaatctga	240
gcaattgccc	gtcctctcgc	ttcgagccac	ccaaagtgc	attgcacaca	ctaatacgctt	300
ttgaacgcgc	ccaaaaaaan	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnaaaa	ttcct			395

<210> 6945  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6945						
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gaagggctat	tactaccgct	cgtggcagac	tgtgaaaaca	attgtttcaa	tggctaaaga	120
tttagaaatt	gacgaacact	acaacacgca	tgcaagagcat	agactctgcg	atctcaaccc	180
catagagtgt	ttggtacaga	caagagtgtg	gcaagccctc	ctgggttggtg	aagtaatgat	240
tggtgcaccg	caaggccgat	cggactacgg	tgtaactcct	gacaccggtt	gtatggatcc	300
tgcgctggat	attaaagatc	ttgaccaatt	cgaaatcgat	cgatctagac	aatatgccta	360
ctttgtccag	aatgctcatc	acattcgtat	catcactgat	acataccaca	aatcaagag	420
gcaaaaggac	tggggtgcca	atccaaagtt	cgttgagaag	aatcctctct	ttaccgattg	480
gcttcaaggt	cttccttcag	atctacagat	tacctaccct	cctgaaggct	cacccccgtg	540
gataccgtcc	cattttgtgg	ctaataatgca	ttccatttgc	catctaggca	ttattctact	600
acaccgacct	cagttgcttg	catctaaatc	ctttgccgca	ggcggggggg	ggaaaatgca	660
tatggctttg	tgttactctt	cggctaaata	tctt			694

<210> 6946  
 <211> 583  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(583)  
 <223> n = A,T,C or G



<400> 6946  
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tcgcccattc tcctttaata attttgcttc ttgacgttgt ctttttctac ttttttcgtg 120  
ttttcgtatc gtgcagcttt cttgggtttac aagaagcaag gggttcgctag gacggactgc 180  
acatgcctgt ttgataccaa ccctttacga ccttggtgat cgccttgtct caaaggatcc 240  
gagttcgaag gaactgacag gcattgtttt tgaaatgtct tccggctcgt ttcctttant 300  
ccccgcttgt cctgccgctc cgncttcctt tccgaaaaa gtgcttctcc acgcctttct 360  
tacctnctat tctctcggca tctagtattc accggattgc tctcgcgac tttccaaccc 420  
tgatcgcact gtcttcttcc cggcttattg aaattgttct ctcgagcaac ttcttcacac 480  
cggttactgg accctttttt ctgggacat atccggtatt tccataacct cctggaatcc 540  
ccaattcacc gaacttcccc cgcattgggtg ttccgaacct ggg 583

<210> 6947  
<211> 659  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 6947  
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tcattgatgt tcgatactcg ttgcactcta cgtctaattg gattgttcgc gatattggacc 120  
tgtggctctg aaaccgtaaa ggctccagcg gaggtccaa ttgtcctaca agtaacacga 180  
cttcaattgg tggagacgac agtgtagcaa tttttagaga atgtcgcat tccatgaca 240  
caaaacgttt taccggataa gctatgtaag cgattcaatc gtgagaagct gtatgcttgg 300  
agtcttcatt ccctgtgtgt gcacatgatg ctccatttat gtaacctttg gcgggagagt 360  
gtgcttataa tgcagggtcg ttcagatcgc agtggtatcc accactggta agatatcgat 420  
gattgacatc ggaggtgaaa agtgcgactg atgccgacga cagtataca gtcacatccg 480  
ctcggcgaga ggaactccat gcagcgagga tcagcttggg gtcaaacgtg acttggtgag 540  
cattatgtgc aactgaggg atgcctgctg agattgggat tcccgaaacc ttcatagggg 600  
cgttgagctt tgttcgcata tgcgtaagac ctcatggata catggatttc atttgaatg 659

<210> 6948  
<211> 672  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(672)  
<223> n = A,T,C or G

<400> 6948  
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cgattcttta ccgcagcgtc gcaatacacc aaagtccca cgcaactcaa ggatcatgaa 180  
gtgttcccga cttttccga aatcccgctc atcttttcga acatccgcca ccctcgacga 240  
cgagcaatct ctgttggtcc tcagtcggaa gctgatgcct acgaaacctt ggctatcgg 300  
gagaagcgca gacgagagag cctgtcaaat agcaaccgaa cgtcaccctt ggtagaggag 360  
gattctcggc aagacatctc ggagggacac catcctcaac tatcacggaa gcgggtccaag 420  
ctccatgaat atgaaactat gatgggaact ggtaaccctc gactcgcaac tgggtgtgat 480  
gggtgcagagg cacctncatt gacggagccg ttccctgatt tggttcttga ccccgagccg 540  
gacgaagaag agatgtttgc gcgaatcaag agacctcgtg tacgatacga tgtggaggta 600  
agtaccaaag ctgtaagata atccgggatt gctttggatt gggatggaag gagcctcctt 660  
ttgtttttga ca 672

<210> 6949  
<211> 802  
<212> DNA  
<213> *Aspergillus oryzae*

<220>



cttttcgtcc	ggagtctgag	atccgagtc	caaaggctca	tcgtgtcact	gggtctgcaa	660
gtccgtaaaa	ttt					673

<210> 6952  
 <211> 164  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6952						
gccaaaatca	ctggagcggt	ttgagtctgt	gtctttaatc	tttctcatac	attcaattga	60
agacgtctag	acactactac	ataatgtccg	cgcagggtcac	tcctccaag	caggctgcat	120
cctctttcga	gaacctcaag	atgagcgatt	caccgcgtcaa	gaag		164

<210> 6953  
 <211> 657  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6953						
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gaagccgtgc	agcctatagt	tccccccgat	ggaggaggga	caagccctcc	tggcgacagt	120
catcttcaaa	tgaatcgcac	ggtcaaccct	catacgtctg	tggaggatta	tagccgcgtt	180
atgctggaat	acacacacaa	cgggatggcg	tcctttgccg	atttgatgc	cgacaacggt	240
tccccgtcg	gtcgcagcag	cagaagcagc	gcacgtagcg	gcgagagctg	gcgactcagc	300
gggagacatg	cttcgtcgag	gccctgcacc	cacctctgca	ggtgtctccc	accatgactt	360
tggtgagaga	ggtggacgca	aagctatcag	agatggcgag	aaaaaaccat	ccatctagag	420
agaccactcc	cggaggtgca	ggagggggta	attaaacgtg	acactggtgt	ctcgttacct	480
tgacaaaaag	gcactgagtg	ccttgctgac	gagttgacga	tatcatatac	gagattttgg	540
cgattttggg	gagacacttt	agagtcaccc	ggcgtttgat	tataccgaaa	gcattcctgc	600
ttcaagcgat	atacacagag	ctatgacctc	ctcgagtcga	gcttggtgcc	tgtacttt	657

<210> 6954  
 <211> 618  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6954						
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cgaaacgacg	acttcatcaa	ataggggect	attatcatcc	ctgccggtca	ccaaacgccc	120
caaacctgtg	cagatgcggc	agacgtagcg	aacaactgag	caaaacgtta	agaatatcca	180
tattgaatcg	aatcgaagaa	gagggagcat	cagcgggaaga	ttaaaaggta	agacagcgaa	240
gcaatatcaa	gtcgtaacat	aacggggtga	atcgtaattt	aaacctccat	cgagtcggca	300
atttcttcac	tcatggcacg	gaccgtgccc	ttgctgccag	atctagatcg	gaattcctcg	360
tcgctgagca	cgtagtgtgc	gtattcgtcc	acaacgggtc	gggctggctt	gctggcgtgc	420
tcctcgtcgg	actcgtcttc	gtcttccaag	tgcaccacgt	cgccgagcca	gtaacggggc	480
cgcttgcttg	acccaagggt	cgggtgtgaga	tagccgtcgt	cgtacgtcct	ctttgcggtc	540
ggcgtagcaa	cttcatcgct	aagcgtgtga	ctaaagatcg	ggatggctct	gaaggaaaga	600
taccaaaaacg	ctttcgag					618

<210> 6955  
 <211> 654  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(654)  
 <223> n = A,T,C or G

<400> 6955

6952-6953-6954-6955

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tgtttataag ggctactact tcactggaga tggagcagga cgtgaccacg acggatacta      120
ctggatccgc ggccgtgttg acgacgtagt taacgtatcc ggtcaccggc tgtccaccgc      180
tgagattgaa gctgccctgc ttgaacacca tatggttgcg gaagctgccg tggtcggtat      240
tgctgacgaa ctactggcc aagcgggtcaa tgcatttctg tctctgaagg agggcaatga      300
gacaaatgag caggtccgta aagaccttgt catgcagggt cgcaagtcga ttggaccatt      360
cgccgctccc aaggccgtct ttgtcgttga tgacctccct aagactcgca gcggcaagat      420
catgcgacgt atcctgcgga agatcctgag cggtgaggag gacagtctgg gtgatacttc      480
tacctgttcc gatccctcgg tagtcgacaa gatcatcgaa accgttcaca ccgnccgggg      540
caaatagggtg gacgacgaca tgacttatga naagaaagac caaaatcaaa gaaaaaaaaa      600
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<210> 6956  
 <211> 659  
 <212> DNA  
 <213> *Aspergillus oryzae*

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<400> 6956
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tgtccaatgc tattggtcca tatgccacga tttatgacat ttggcaatct ggaaagctca      180
actccaagag tcctgtccct tactggatgt tggccttttg aggtgctgct atcgccattg      240
gtatctggac ctacggctac aatatcatgc gaaatctcgg taataggatc acgcttcaact      300
ccccttcccg tggtttttct atggaacttg gctctgctat tactatcacc acggcgacca      360
ggctcaagct tccggtctcc acaacgcaat gtatctcggg tgcaaccgtc ggtgttggtc      420
tctgtagtgg aacctggcgt accatcaatt ggcgcgatgat tctgtggatc tacttcggct      480
gggttattac tctgccata actggtatta tctctggatg tcttatgggc attatcatta      540
atgcccctcg gtggggaatg ggcgtctaag tattacattt acacataagt gagtcgtttg      600
ggttgaaact ttgccgctgt tcacgcaccc tagagcaccc cgacaatata actaaataa      659

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<210> 6957  
 <211> 727  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

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<400> 6957
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tgccgtggac aattcttcag ctccgccatg cttctgttct atatgcgctg tttctccagt      180
accttaaaag ggggtgtccaa gcagaacccc ctgatgcaga tgctatacgc attttacttg      240
gaaatacgaa atgggctctg gacttggttac attatgttct gaacgacctt cttgacctcg      300
cggatgatct aaaaaacttg ctttcttgac aagaggcctt ttgccccaaa attgaaacca      360
ctaattctct tgccctggat catccttttg ttaagaatgg tccgaacctt tcttcgcttt      420
atthttgccg ggggttgcaag gaaattaagg cccggttacc cttcggaccc tttgacgggc      480
caacgctggc ggtttactat gccggagaat tatttgaacc ccttaaaccac cctccccttg      540
tggcgaaatt gaacgtttat ataaaaaaaa tgctttgctt ggggtgggac tccaaacccg      600
gcgacaatgt ttttttatgt gcgccaggt ttcgaagaaa aataaaacgg cccggggccct      660
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ctttatn          727

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<210> 6958  
 <211> 641  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6958  
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 gattgggttc taaaagatcc ctgggatgat atggagatgt ccgaggatgg caccgaccgt 180  
 gtccacaacc gggcaaaagc cgatagcggg gctgggtgaac gcaagaaatc tgatgtttct 240  
 tcacaagagg acgacggtga tgggtttgtg attggcgctc aggattggcg cgaccagac 300  
 ctttttagtcc cgatcagcag ctccatccca ctcccagca gtgtcccga gtccgacgct 360  
 agcaaaaccc agactaccgg gaaaggctca cgccccacaa gtgcgtcact caagggtggg 420  
 agcataactc caggaagcgg cgagtatcgt aactagatt agtcaaagac tagcaaaaca 480  
 gaggttgcaca ggtcccatca caagagcttg acgaatgaca ctcaaagata cgtaagcag 540  
 aaccagggat ggtttggcaa gacattttct tgggcgaaac gtggccagaa agactcagtc 600  
 cgtctgttag gccagaactt ttcgaggacc caaagttgcc t 641

<210> 6959  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6959  
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 ccgataatct accgattatt caaaaccgct gcacagaaaa tcagcagcag cgtctcgggc 180  
 cagaaaagca agggctcgaa tcttcaatac gcgtacgatt ccagggcgta cgggtctaaa 240  
 tctcacggcc gccaaaaccg acgcagcact gatagtgaat gatggattca gatgccgaat 300  
 gagagtgact ctaccgagat gcagacgcat gtacaaggta tgagtcctga gatgaaggct 360  
 gacgggtttg agatgggacc tattoctaga gatgggattg cggtagacag agagtttcat 420  
 acgacgggtt aggagagggt ttgatataac caatctgggt cattccttgg tttgggcgg 480  
 tgttcttttt attcaacgat ggactgatat ctgtattggg acaagaaata ccatgggggt 540  
 catgcgcggg gactttatga ctgattaata ccacttatgt catcttgcta atggcgaacg 600  
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<210> 6960  
 <211> 629  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(629)  
 <223> n = A,T,C or G

<400> 6960  
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 tatatcatgt catctctcca ccgcaaggac tcggctccga acttattaca ttggatgatt 120  
 aagaactctt ccgccagctg tatcgcacct tcggtttcga ctcccgcgcc tctctcactc 180  
 ctttctctt cattcttctc agccactcag ttctgccaca tctttgactt cagcgcaagg 240  
 aacttgacat gaacgacgac tcagggtgtg agttttagc tgcacggccg agaaagcgca 300  
 accaccaaca aatgtcccga acgtctcatt cacccaatcg cgttttctt tcacaaaatg 360  
 gagagccctc gtctctccga gctccgacca accagttgcc acccatgagg tacgtggggg 420  
 acggtctcga catgaggaga cctgtcgtct cggttcccc tcagacagat gaagtgatcg 480  
 atttgacaaa tgaaccggac tcgcctncac aacagcgaga taggagcgcc cgagcaacat 540  
 cgcgcgcccc tagacagccc cgctttggaa gggatatcat ggcagacgct gtggatctag 600  
 aagatgaacc ggatnacaca atngatctc 629

<210> 6961  
 <211> 472  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6961

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atctcagatt	aaaggctgac	attgggtggt	cgctctgggc	ttgagctccc	ttcctttcgg	180
ggttgggtgag	ctcggctgga	gagcctgggtg	ctcggcggcg	tcataattcct	actcccttta	240
ccgatttggc	cgtcgcccca	tgaggttagg	gaaaaaccat	ggccagccaa	catacttttt	300
tcctttacta	cgtagttttt	agctgcagct	gtatgctaga	taggagtgat	tggtagactg	360
tcttgagta	taactgatcg	attgagcata	tatctcgtaa	aggttgacga	gtgcttcgta	420
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<210> 6962  
 <211> 567  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(567)  
 <223> n = A,T,C or G

<400> 6962						
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cgtcateccg	ctaaaacttg	aacactttct	ctggcgtgaa	gtatttggct	ttcacatcca	180
ccccctgggc	caccttcccc	cttcggacaa	ttctaccgag	ccctctgacc	atcctgcca	240
tgcgcaggtt	gtacagggca	ctgctttgtg	gttgattgac	gtatccaggg	actttccaca	300
tagccggctg	gatgggatag	atattgacct	cactcaagcc	cctcatcctg	gatggctgcc	360
ctctaacatt	accctgcagc	attgggatgt	cttcacaaac	gtgcccgcga	gccttgagtg	420
ccaatatgat	cttgtgcacg	ttcgaatgcn	gtcttggtgc	tctcgaacgt	agaccatttg	480
cctgtgatcc	ggcaactggt	taanttatcc	aaaccggggg	gttccattaa	gggggaaaac	540
ctaaacgggt	aaaaccta	atacaaa				567

<210> 6963  
 <211> 685  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

<400> 6963						
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ggttgctttc	tatccttttg	ttttgctctc	tgctgcctgt	gccgccaaat	tggtgcaagc	180
gggcctcaac	cttgaacgtt	atggtgatct	tgccaaggag	catattcccc	tcattagctc	240
gtacatcgtc	tattctttcg	gggagaagct	tgcaaaatca	ttcatagtga	gatttatcgg	300
ttcatttttg	ctctttttga	gcacgggtct	ccagctcttg	gttgcaatct	tgtgttctgc	360
cgttattcca	tctaagtggc	tcctcttggc	cattccatct	atcctcttca	cactcacttc	420
taatgtgcat	ctgccttttg	ggatcacaa	ttcggggctc	aaatccgcgc	ttaatgagga	480
aggattttca	ctggtagatc	gtcaggagtc	ctccaccggt	tatatctcgg	ttttggataa	540
cctcgaggat	ggtttccggg	tgatgcgctg	tgaccatagt	cttcttggag	gccagtggac	600
taagacctat	cgcaactaca	aacccaaggt	tcaggaccct	atctatgcgg	ttntctcttt	660
gctcgaggct	gtccgactgg	cggaa				685

<210> 6964  
 <211> 152  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 6964  
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 ggccgtcagc ggggtctcca gcgaggttga gaccaagaaa gcaaaggacc tctctaccaa 120  
 gctttcctcc gcacccgatg ccgatcgcca gt 152

<210> 6965  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

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 agcacatatg gccacgatac ctgctctcgg aaatctgcta cacctagggg tgggcctagc 120  
 gtgtccacat ggacgcaata tgagttgggg attctggcac aggaggtgcc cgatacgctg 180  
 gtcggaggga tgagccgaca agtgtggctg tggctggaga cagctttgctg tgaccgcaa 240  
 actgatgggt gttttataca cctcttctctg gaacttataa gacaaccgtc aacagtgcag 300  
 tgctctttcc actacgtcaa cggaggggagc cttaaagcaga tgttacaggg ccttacgaaa 360  
 gtatcatggt cgacgtatgc aaatcagggtc tccgcgggtg cgaaataaac caggctggaa 420  
 attctccac aaatcatcct ttctcgcacc tgtctacaag gattctgtaa aagtgcggc 480  
 atttatcgat acaatactca tatgaggagt ttctaattg ttagcgacta cactaatcgg 540  
 gatattctcc ggcgcaaaag ttttgggaac atctacatcc aaaccatgca atgtaggtaa 600  
 atcggactcg aatgtaaaaa gacgcaaagt tccaatggga ctttgaggct ctccaggttc 660  
 aaaaataan 669

<210> 6966  
 <211> 642  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(642)  
 <223> n = A,T,C or G

<400> 6966  
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 ggatttttat tagtcatgcc ttcggtgatg ggaactgctt agagctgtgg tgaacgtgct 180  
 ttgcgcacat gaaccgctag accacatgac gatgcctcta tgttcaaata gacataaacc 240  
 tacaccttcg cgaggacgca acaataagtt cgcaccttgg atcagtcaga tgtttgtcat 300  
 gttgtgtctc tggccctgcc cccctctggt ggaatgcgca tactggggga aaaggcgagc 360  
 cttcgattat ttagcgacgt tgtccgaagg gacgttcctt gacgccatat aaacgattgg 420  
 atctagagac acttaccgat tagctatcga gtagggggga ctgtgggggt ttgaccagag 480  
 cttctgggag ctgtagctgc ctaagccttg tggctgggac aggaaccttt tgcgaaacgg 540  
 cacatattgt aagggacttg ctatttgggt tggttatcat tgggagggga aaaatatcac 600  
 tgtgtcnatg ggtcatgctg taagttaagt acactaaatt ta 642

<210> 6967  
 <211> 686  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(686)

<223> n = A,T,C or G

<400> 6967

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aacctactcc	ggatccatat	cccctgacac	tggtccgacc	gctgttccat	tattctacca	180
atctcgagaa	ttcgcgatcc	acgcgttata	tccgtcggaa	tattgacagg	actgtcttgc	240
gaccgattgg	gatggtccgc	gccggctaaa	tacagtcgaa	attggacaca	caatgttcac	300
tccaagtcac	aattcctggg	gccaaagctc	ggtcagggaa	acatcagtcg	aacctcgagc	360
aaagattggc	ccaagcacaa	atttctgggc	atctatgtta	gataagcgtc	gcaactggaa	420
agcgctttgc	cgganaatga	atttttctta	ttccttcgag	gcaccctcca	taaagccaaa	480
tataggtttt	ttacacaact	gggtgctggc	acatcatatc	cccaccttgt	catacaacat	540
gacgaatggt	atggttcccc	cccggtgccc	aatcagggtc	gctttgggga	acaccttccc	600
agaatgtcct	aaactcttaa	ccagaaaaac	aactttgcgg	ctgttttttg	ctatcttatt	660
ttccaaccct	ccattttttt	ttgccc				686

<210> 6968

<211> 528

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(528)

<223> n = A,T,C or G

<400> 6968

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gcctttcaca	acctatttcc	aatggccttt	gggcttctat	tctgatgatc	tgatgaccac	120
agcgggcttt	gctgtcggtt	tttatttttc	ttacattcta	ccacactacc	ttcgctaatt	180
ggcattttca	atttgtcaac	cgggtggtcc	atgttgcgtc	ttaaaagggt	acattgcatg	240
cttattaccg	gcgtcctgng	tggtatcaaa	agagataaat	gtggctagaa	ttcgtgcctg	300
accatgtaac	actattcatt	gggatttata	ctttccgctt	cgatgtttag	aggtttctac	360
atcatcgttt	ccattcggtt	ttcatactgt	cttatcacac	tctntatttg	cactgtgatc	420
attgcatcac	ggtttacggc	gaaataccca	aggggctact	ttattcttga	atacaaggag	480
ttaaacaaagt	tcaaaaaaaaa	aaaannnaaa	naaaaaaann	nttttctc		528

<210> 6969

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 6969

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tcgtatacct	gctcattctg	tgggtacctg	ttgcacaaca	ctcgtgcact	tgctactttt	120
gccgatgatt	ttcattgtag	ccaggtagat	ggctcttggt	cttattttta	ttgtttgggt	180
gtgttcctga	ctagcggctg	tacagtgccg	cttgctcggt	tccgaaggta	atctgcaa	240
gcaagaagac	ctcgtggcac	tcttctccag	gcagatgcgg	atggatatac	caatatcgtc	300
ttggcagtcag	gaaatgccat	cgtccaactc	tggtccggtc	gcgcacagta	tctcccaaca	360
ttatcatcac	tcctctcatg	tggctcgtcg	cacatttcca	acaggatcgc	cgaagcatga	420
tgagtccctg	ggccatagcg	tgactcttaa	ctcagcacat	gaaatgctga	ggttacagaa	480
catcaaccca	tcatcactta	cctcacacag	ctacagctat	ttgagaaatg	catgccngga	540
gcacgactac	gcttgatcca	gatctggcaa	atcttccaga	gtctataaat	gcatccgcaa	600
ctcaggggatg	aagcggntga	atcagcgaac	ttcgaactgt	gggcaaaatc	ttttgggggg	660
aaagcggg						668



<210> 6970  
 <211> 359  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6970  
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 aatttatttc ataccgatgca acagggacgt tcgcagggtta acatttataa tatccatgta 120  
 ttgtaccata aatattccag ggccgaagga ccagatacca ggacaaagat tggaggtgta 180  
 cctcgagag gccgtttggg tgattgattg atggatgaat gattggggtt tgggtttaac 240  
 tattgacttg ctgctcagct tggaaaaggc gcaactgttc tggagttaga gtatttgccg 300  
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<210> 6971  
 <211> 638  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(638)  
 <223> n = A,T,C or G

<400> 6971  
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 acaatttcag gttgggaaag catgaaagtc atttagctaa gatctcattt gtcaatgggt 180  
 gttagatttg gttgggggag tttatgatat gccttgcac attgttcctc tgtatcttcc 240  
 cctttgtttg gtctctttgt atgggcttcg tgtgtctgaa atcttactgg gaattgtcga 300  
 gtggcttccc ccctcgggaa cgttctccag gttcctggac gctatttgtc ttattaccgt 360  
 taacctcggt cacagcgatt gcttttctct ctttctcatg gcgngnggtg cgggatggat 420  
 accgatgac ggatgttcat agcatgtagc accacggcgg cgcctctatc tctacttacc 480  
 tttttgagtc gcattttctc ggtggtaagg gtctacattt caccggttcg cgcctagaag 540  
 ccttcataatt gtctggaaaa aggggttttcg caaagggttg ccgggtgttg atatggggcc 600  
 gaaaataaaa ttccgggttc aaagggtctc caaaaaag 638

<210> 6972  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 6972  
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 caaaccacag tgtcttccac ccctaccgct gtaacacaca accaggagaa aacaaaacag 120  
 acatcgggta cgcctgttaa agatcttaaa gacttgactt gtcgttcgga gaatattgga 180  
 aacaatggta gaacgttctc tcagccaaca atcagatata caccaggcga ttccggccact 240  
 ggtgtaaaaa aatcactgtc acaggtaaac cctcagtcaa gcgcgtcacg caatgggtgag 300  
 cgccgagctt ggaaggatga atatcagaag tacgggaatt tagggcgaga actaaaacat 360  
 gccgtgaaa gacataccgc cagagatttc gtggctgatg ttgacgagaa gcttgccgct 420  
 gctactgcta ttgaagctat tctctgtttt attctagcct ttgttgctga cgaccaatcc 480  
 aaaactttgt ctgcgtcaggt tagcgactca tcatcttggc tatctatact cgcttattgg 540  
 cgtgtggtca aaaagaatag cgcctcttcc ccacagcttc atagcctttg tttgattctt 600  
 ggcgtacat cctatgatgc tattcatgct cttgatctgg agcgggtggc gggtcactct 660  
 ttgcggngng gaaatacctc tg 682

<210> 6973  
 <211> 690  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6973  
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 gcgcgactaa gtgatactgg ctgctgggga gacacgagcc acgccgtctg agggaccgaa 180  
 gattctcgaa gacgatgctt tgacacaggc gataggccct acccttagaa agcgagattc 240  
 gaaccaagat cttggagctc tggcagccac tgacatctac cgtatcacat ttgactagat 300  
 tagggggcat gagattgatg atatctgata aaaacgcact accgaggtcc actgccaatg 360  
 cgccagatat cttctcttct ggctcggagg aactcgccgc gtgatccgtc cacagagcct 420  
 tatatgagct catacagttg agcagctgat acggtgagcg cctcagcttc tataacgcac 480  
 tgtggttcta cccacactca taattggctg aggtgaatat tgcagtaaag acctgtgtaa 540  
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 cgtccaggat gcataatagag gggcgcatga 690

<210> 6974  
 <211> 745  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

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 aaaggaggac gaagagcttg atatcaagtc tgaaagtcca ggcgaggcga agaagggcta 180  
 gggtcatgac cgaagggttg cccaatttga gattggggcg atcggagatg atgttacgca 240  
 ctcaagaaac tgaatatcca tgtataattt ccgttcacat gatgactaat gcaaagaagg 300  
 aaaggtagag aacgtttatg agggagttgg ttcggagttc gactgttttg tttttcttgg 360  
 gtttatgtca gtttctcggg tggcgatagg atatttggac gaactgttga tggacttgat 420  
 atccccctgc aatgagtttc actggctcgt atcattttct tttcaatttt cacagtctaa 480  
 taacatgcta gttccagtn gcccnnnnnn tntnnnnnn ngnganaaan aaaaagagna 540  
 accaacagaa ancctttccc aaaaannncc tttttgtgcg ccggcgaacn ttttttttat 600  
 ccggccccc cttacaattt ctttttgggc gcccccttt ctccttctag gaggttaaaa 660  
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<210> 6975  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 6975  
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 attatacatt gctccagcaa caatgagaaa gctgttgaga ctggcctttg ctgcgggtctc 180  
 gttggcaggt atatccattg ctgacaactt caccacgact tgtaatgggt attaccttga 240

agacgatcat	gttttgcattg	caacatgtac	cgcgagaagt	aatgtggcaa	accagagaca	300
acttgatttg	aattgattgtc	ttgcaaattt	ggatggccag	ttagcacttg	ttgggaaggg	360
aaacgcattt	gccacgtgta	tccacggctg	cgccctatgt	tttttagaag	gagagaaact	420
tacgtgctcc	tgccgaagaa	gcgacatgcg	gagtgtgaca	tttaatacac	tcgacttaga	480
tgttatcggt	atgaatcang	atgggaagct	gtatgtaacc	tgtagggtatt	aactgagtac	540
cttttatttt	caaaggtact	gtactangaa	aactataaga	aagcgaaggg	ggtaagataa	600
caccgtgaaa	tatattgtgg	gagaatatcc	ttccattttt	taccggcaaa	aaaaaaaaaa	660
a						661

<210> 6976

<211> 673

<212> DNA

<213> *Aspergillus oryzae*

<400> 6976

cgctgatctg	atcagctcat	gtttccagaa	tcaatatagg	acaccacata	ctacagtggc	60
tcccaacccc	gcagattgta	ccccactctc	ttttgcattg	tcttcggggc	aagggaagacc	120
aagcaatacg	agaccatgcg	aaactttctt	ctttccccc	actggcgggt	gcggcatagt	180
tacctactag	atatgtgtga	tcaccgccaa	caaaaaaact	gcgcagtaaa	tacagaaatt	240
atagaaccaa	tttactacga	acgcccgtta	cacgtctgag	ctcactcttg	cctacgacca	300
gattctaaat	cgaccattct	aacttgaaat	atatcgccaa	tcgcaaagg	cgaactgac	360
taccctacgg	attctcggac	cctactacct	cctatggtgg	attgcctccc	tactgctttt	420
gtatcgccat	ttggacacgc	ctgcagcttt	gactgtccta	tcgcctgtgc	tacgccagcg	480
agttcaaggt	ctgaagtccc	tttgcgccct	tccgagcgaa	aaaagggtga	gactgccttg	540
ttaggaatcc	ggggaaggtt	gaacgtctta	aaagaaaatg	gacaataacc	gctttgtaac	600
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gaaaataaga	gcc					673

<210> 6977

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<400> 6977

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ttaccttcac	gccgcagatc	ctgcttgga	tcagtacggc	caagggtcta	gtatccggcg	180
gtgttgagag	attcgtcaat	ctgccaaaag	tatctgtgaa	tgcgactcaa	ctgagtcag	240
tcagtgaaaa	gtgtgagccc	gtggctgata	aagggaatga	aggtagcagc	ttgatatctg	300
tcttgatga	tgtcttcgac	agcctgacac	atatcgcccc	tcgggtggac	atcgacatgg	360
gtgtcctcgc	taacatggaa	gtcgacgttg	ctgattttag	tgaaagggtc	ggagtacaag	420
ctgtcttggc	atcaacctcc	tatcctctac	ccaccgcttg	tctgaagtat	gatgcgaaga	480
gccacacata	tggtactcct	tcacggacgc	caaacgctac	cgcaacttcg	gggtcaacta	540
aaggagccgc	tgacagttcg	tccgattcgg	ataaacagtc	tggtgccggc	aagttgttag	600
aaagtcttta	aattcttccg	ctgagtat	tgccgccttc	aatgattgct	gttggttggt	660
tgtgttattg	aatgg					675

<210> 6978

<211> 740

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (740)

<223> n = A, T, C or G

<400> 6978

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cagcgccagt	ctttgcgagc	accaggctcg	taaagtccga	gttgactgct	gctttctctt	120

ttcaaagacc	caatggggac	agcttgacga	tcgagattcc	gggtctaatgt	acctggatct	180
gacctttcat	caacccagtg	agtgtaaact	ggccaatgcg	acaatcacca	tgaccttcaa	240
tcacaccaat	gagcagcgag	gagggcctcaa	ggatagcgtg	gaagtcaccg	aattcttcgg	300
tcctcagatg	ttgagcggag	aaaaaaaaaga	gcgacacatc	agcaaagtgt	tctacatgaa	360
tccaaagttc	ggcgctgcga	atgcatcggt	tgaagggtgtg	gggtggatcac	gaacatcgga	420
cgccactctt	tcctcaagat	ggaaattcac	aggatcgcgga	ttcaccgtga	atgacccatt	480
gtcgcgcggg	tcaaatcggt	cctatcggtca	acttgtctgtg	catcttgagg	aaaatgacct	540
cgagagacag	gctattcaca	atccagtcac	ccatactgct	cttgcccttc	atcatcagtc	600
caaaccattc	tacctcgatt	tagaaatcaa	ggcanaactg	cacagttggc	atcatcggtt	660
caagcaacat	cttgtctatc	ctcctnctag	tcagggtctca	cgcacgcggg	cgaagatcga	720
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<210> 6979

<211> 720

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 6979

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caaccctacc	cttctcaagg	tgcaacctatg	gcagtgggtat	ctggggccagg	cgtacaatac	180
gaccgtaacg	tgctttgcga	caaaactctgc	cggtgacggc	ctggtagggtt	attcgcgcct	240
gggtctaatg	ggagagaccg	ttgtcggaga	gctcctggca	gatctgcaac	gcgaaggctg	300
gaccgaagag	gcgagcgag	tagaagccgc	catgaaactg	cgcgcggaag	cgtgggacag	360
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ttactggagc	aattatttca	atcttacgca	gacaacgacg	aagaccatca	atagcatttt	480
aggtctgatg	ccaacggtat	cgcattgggg	ctggaatggn	gaacgcccgc	ggtactggga	540
tttcatgtga	gactcagtc	agcatctgcc	tgtccaagac	taagatcctt	tagctatgcc	600
gggaagctcc	aacggattga	acgcgatgac	catcattatg	gttccagcct	caacgcattg	660
ccccnctcg	ctgagtttctg	ancaaaaccg	agcgacacct	atctncttctg	aggtgggtcn	720

<210> 6980

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 6980

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atattttcctc	cttacagact	ttacaataca	tcattggatct	cgtcaccaaa	tggggccatt	120
tcagtaagga	atacaagcaa	aggagaaaat	ccacgtcctc	caccgaagaa	cataaggcg	180
gcgaggaaca	taagggcggc	gaggaacata	agggcggcga	agaacatgag	gaacagcggg	240
cgttcaactg	gcttttggga	aaattcggcc	gtcctcacia	tgatcatcct	gataggagat	300
cgagtgggtgc	ggggaacatg	gcaacagata	tcgatgaatg	gagacgcagc	cagaagaagt	360
cgacttcgtc	tcagcaagga	gtccctgac	tgaagtccca	ggaaggggtc	tcggatttgc	420
gacctcagga	aggtgtttct	gattttgcac	ctcaggaagg	aatttccgat	ttgcggactc	480
acgaacaggt	ctctgatttg	cggcgtcaat	gagcacgaat	tgctgtcttt	tatggcgata	540
tgattttctta	tgtattgatt	gggggctttt	tctgaaatct	ggggtaactg	gtttccttgt	600
attgtacgga	gtacattatg	accttatgat	gatcgacgct	gtagataaatt	atgggtaaat	660
aacc						664

<210> 6981

<211> 775

<212> DNA

<213> *Aspergillus oryzae*

<400> 6981  
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 cgactgagcg gtcgctttaa aagcctctct ctctcaactct cttatttttt tttttttcta 180  
 aaaaaaaaa atcacattac caacaaaatg gctcttaaga gaattaacaa ggaactctct 240  
 gacctcgccg gtgatcctcc ctctcctgc tccgctggac ctgtaggtga agacttggtc 300  
 cactggcaag ctactattat gggctcctgg gactctccat actcgggagg cgttttcttc 360  
 ctagcaatcc acttccctac cgactaccca ttcaagccgc ctaagggtcaa cttcaccacc 420  
 cgtatctacc accccaacat caactcaaat ggagtagtct gtctggacat tcttagagac 480  
 caatggagcg ctgctctcac aatctctaaa gtgctgctgt ccatctgttc gatgcttaca 540  
 gaccccaacc cagacgaccc gttgggtgcct gaaattgcgc atgtgtacaa gactgaccgc 600  
 ggctcggtatg aagcgaccgc ccgcgaatgg acccggaat atgctatctg atcttcgaat 660  
 ctcaataaaa cacggccacc ttggtcttcc aaatcgcttc tgcgtcttct ttcgttccgt 720  
 tagatcagat ccgaagcctg gcgtaccggg acagaaaatc tttccctggt ttccg 775

<210> 6982

<211> 1167

<212> DNA

<213> *Aspergillus oryzae*

<400> 6982  
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 ttcatacttt tcttttccaa tcttccccat cttcttctga atatacccct tcgttcgtga 120  
 taccattccg gctttcacaa tgtcttcttc tcttgaacag ctcaaggcca ccggcactgt 180  
 cgttgtctgc gactctggtg actttgccac catcgccaag tacaagcccc aggatgccac 240  
 caccaacccc tctttgatcc tggccgcttc caagaagccc gagtacgccg cccttatcga 300  
 cgccgctgtc gagtacggca agcagcacgg cagcaacgtc gacgagaagg tcgacgccac 360  
 ccttgaccgt ctctggttg agttcggcaa gaagatcctc gagatcatcc ccggaagggt 420  
 ctccactgag gttgatgctc gcctctcttt cgacaccag gcttccatcg acaaggccct 480  
 ccacatcatc aagctctacg aggagaacgg tatctctaag gaccgtgtcc tgattaagat 540  
 cgccctccac tgggagggtg tcaaggccgc tcaggtcctc cagcgtgacc acggcatcaa 600  
 cttgcacctg acccttattg tcttccacct cctgactgg cgtgggtggc aggcgggggc 660  
 ctacctcatc tcttctttcg ttggccggat tccgtactgg tccaaggctg cccacaagcg 720  
 tgactacact gccaggagg accccggtgt taagtccgtc cagaacattt tcaactacta 780  
 caagaagcac ggctacaaca ccattgtcat ggggtgcttc ttccgtaaca ctggtgaaat 840  
 caccgagctt gctggctgtg actacctgac catctcccc aacctcctcg aggatctcta 900  
 caactctacc gccgctgtcc ccaagaagct cgacgccgcc agcgctaccg gccttgacat 960  
 cccaagaag acctacatca atgacgaggg tctgttccgc ttcgagttca acgaggaggc 1020  
 catggccgtc gagaagctgc gtgaggggat ctccaagtt cgcggccgat gccgtgacct 1080  
 tgaaggacat cctcaagcag aaggctccag cctaaaggca gactgtcact tgcattaaat 1140  
 aaagtatatg ccatgcaatg tctctcat 1167

<210> 6983

<211> 555

<212> DNA

<213> *Aspergillus oryzae*

<400> 6983  
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 ctgcacggtg accacgaggg cggtaacgtg tctgccacg ctaccactt ggttggaaagc 120  
 gccctgagcg accccttcct gagctacagt gcgggtcttt tgggtcttgc cggacctgtg 180  
 cacggccttg ctgccatga agtctcgcgg tggatcctgt ccatgcagga gaagatcgga 240  
 accaagtcca ctgacgagga cgcttcgtacc tacctctggg aactctgaa gtcgggccgt 300  
 gtcgtccctg gctacggaca tgggtgcctc cgcaagcctg accctcgctt cgaggctctc 360  
 atggactttg ctgccactcg cctgatgtc cttgccaaag ctgtcttcca attggtcaag 420  
 aggaattccg agatcgcccc tgggtgttct accgaacatg gaaagaccaa gaacccccac 480  
 cccatggtga cgccgctct ggtgttttct tctaccacta cgggattcaa cagccctttt 540  
 attaaaccgt acctg 555

<210> 6984

<211> 644  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

<400> 6984  
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 tcggaagca tgtcaagggt accatcaacg gcaagaagcc tgctaccgag ggatacgaag 120  
 aaaggagcgt tgccacgggt atctacggaa ataccaacat tgctctgggt cttgtcgagg 180  
 ccggctacgc ttctgtgatc cggcaccgtc aggatgatga cgaccgctcc ccgactatg 240  
 attctttgct gatcgctgag gctgatgctc agaaggacgg taagggaatg tggccccaa 300  
 agccacccaa ggcgaagcag taccaggact actctgagag cgtccagaag gccaaagtgg 360  
 aggtttccat cctccagcgg caaaagcggc tgccggctat cgtggacttt gtcaagtcgg 420  
 gctctcgctt cacagttctt gtgcctcgtg agaacgcca gctgaccctc gtctgtcgg 480  
 gtattcgtgc gctcgtatcg gcccgtaac ncaacgaaca gtccgaacca ttcggacagg 540  
 aagcacatga cctagcanac aggcgttgca tgcagcgtga tgttgaaatc gacgtcgaga 600  
 caatcgacan ggtggtggtt tcaatcggac cttttacgtt aaca 644

<210> 6985  
 <211> 680  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(680)  
 <223> n = A,T,C or G

<400> 6985  
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 ctggaagacc cagagatccg cgagactgtg cacaagggtg tcgaggagac tgcttccctc 120  
 attgtatcca agcatgagat ctccggagcag gagcagaagg aatacgttga caagattgtc 180  
 agccgtatct ccaacccta tctcgaggac aacgttgagc gtgtgggacg tgctcctctc 240  
 cgcaaactgt ctcgcaagga acggttcatt ggacctgctt cgcagctcgc agagcgcggc 300  
 cagaagttcg atgctctcct gggcgccatc gagatggctc ttcgcttcca gaacgtccca 360  
 ggcgacgagg agagtccga gcttgctcgc attttgaagg agaactcggc cgaggatgcc 420  
 acctcgagc tcaccggatt ggagaaagac caccactct actctcatgt ggttgagcgt 480  
 gtgtccacgg tccagcaagg ctccaaatca gtgctgtgat tctcgatcgt ttccacacc 540  
 accacactcc tttntatcac cagaaaacga agggttccga gtccatcacc aatatggatc 600  
 gccccgagga tattggatct gatatcanac tgttctgtcc gctggccggg catgaactgc 660  
 atgggatacg gcgaacatat 680

<210> 6986  
 <211> 662  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6986  
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 gctgagttcg ataatgcttt cggaaaaagga actggtaagg ctatcatgca tgctaccgcc 120  
 ggaagtttga tcggtatcgg tgaaatcgtc cttcttcctt tggatgtcct gaagatcaag 180  
 cgtcagacga accccgaagc tttccgtggc cgcggtcttt ttaagattat ctccgatgaa 240  
 ggcattgggac tttaccgcgg tgcgtggctgg actgctgctc gcaatgcacc tgggtctttc 300  
 gcgctgtttg gtggttctgc cttcgccaag gaatacatct ataagttgca ggactataat 360  
 tcggtctcct gggcgagaa ttttgtggca tctgtctgtg gtgccagtgc ctctctgatc 420  
 gtgtcggcac ccctggatgt gatcaagact cgtatccaga accgaattt tgagaaccct 480

gagtctggct	tccgcattgt	ctcgaacatg	atgaaaaacg	agggggcccac	caattttcttc	540
aaggggtctta	cacctaaact	gctcatgacc	ggggccaagc	ttgggtttcag	cttctggctg	600
ggctagacgt	tgatccccgc	gtttggccag	gtcgtataaa	ccagaagagc	acggaatgat	660
tt						662

<210> 6987

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 6987

gacggagccg	actgtgtcat	gctttctggg	gagaccgcta	aggggtcata	cccttgtgag	60
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gtctttgacg	agttgcgcaa	cctcgctccc	cgccccactg	atactgtgga	atccatcgcc	180
atggctgccg	ttagcgccag	tcttgagctt	aacgcccgtg	ccattgttgt	cttgaccacc	240
agtggtaaca	ctgctcgctt	tctttccaag	taccgccttg	tgtgccccat	cctgatgggc	300
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ctcaagtggg	ctatctccca	cgggtatcaag	ctcggtatca	tcaacaaggg	agacaacatt	480
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gctgaggaga	accttgggtc	gattgagtaa	atccagacag	cagtatcacc	cttgggtgcat	600
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taaacgggtc	tccgctaagt					680

<210> 6988

<211> 759

<212> DNA

<213> *Aspergillus oryzae*

<400> 6988

ttcgcgatca	cctcctccac	ttccatccca	ccttaattca	tcctcaatcc	cgaggcatta	60
catctctcgt	tcacggagag	tgtatttgat	ttctaattgg	tctttttttg	tcgcgcgcac	120
gacctccac	acaatgttcc	ttcagtcctg	ctctcggtcg	gctgctcgca	gctcggccat	180
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caaggagtgg	caggaggctt	ccaacgagta	tgccaaggcc	gagaagatca	accctatcta	660
cggtatcagt	gccgagggtt	acgagggcaa	gggcttcgtc	cagagccctt	ctgctgagaa	720
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<210> 6989

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 6989

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tactggacg	aaaagcgatc	ccaattcgcg	ctttgggctt	cgttttcggc	acccttgatt	180
attagtgcac	atattcccga	cctatcatct	gaggatctag	agtacctaac	aaatcaagcc	240
ttgattgcgg	tcgatcagga	tcctctggcg	caacaagcca	cactggccag	tcgcgatggc	300

tcccttgacg	tggtgacg	gaatcttgcc	gacggttcta	ggttggtcac	cattctgaac	360
catggtagcg	agtccatcga	nacagatatt	tccctggaca	tactcggcct	ctctaccgat	420
tgtacataca	aagcacaaga	cctctggggc	ggctctactc	agaccatcaa	ggatgcgata	480
cgtattaagt	tgaacacaca	tgcgnacgcc	gtgtataaaa	tagacaccga	tgagaagtgc	540
totcaagtca	tanccaacgg	ncttatcttt	aacacggcct	ccggaagtgc	tcttacagga	600
acctcatcct	ctgtgggacg	tgaatcctgc	ancgggagca	aatcccagat	atggn	655

<210> 6990  
 <211> 1339  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1339)  
 <223> n = A,T,C or G

<400> 6990	
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ccggaaccga	cattcccttg
ctgtggaaac	cgcgacgccc
cacaatggct	cctgaaatgg
tccctcacaca	cgagacgggt
ccggtttcac	ctggtggttc
cctcggcgcc	aaaccggcgg
tagtgccctg	gaactttccc
cggttggtac	catgatcgtg
cgcactctagc	gcagaaaagc
tggagaatac	gccgtcgttg
ctttcacagg	ctctacgcgg
agaagttgac	gttgagctgc
tggatcaggc	acttgatcag
tcacagccaa	ccgggtgtat
aggagcgtac	gcagaagttg
ccgtgaccac	tcctcggagc
ttggagccga	cgtgattctg
agcccacgat	cctgacgggc
gcgctatcgc	tgccctctat
actacatggg	acttgccagt
acttgagact	gggtgatttg
ggttcgagc	tgaacgaccc
gtccaggcga	agagtgggaa
gccagctgtc	cgaccaatag
gogttcgagc	aatacaagaa
gatacgctca	tccgggaagc
aagccgctgg	ccgagtccta
gocggcgaag	ctgagcgcac
gtcttcacgg	tcaagcaaac
atcgcgatgg	tcttgcgcaa
aagccgagcc	ccgagacacc
ggtttcccn	gcggcgtgtt
agtgaggcgt	tgtgtaagca
gtcgggaaat	tgattgcttc
ggcgggaact	gtccgttctc
ctcatggcgt	tgaagtggcg
gtccaggcgg	gcactctatga
gtcgtgggtc	atggtgccaa
attgacaagg	cactcagcca
ggaggggaata	aggtcacgga
atgaccaagg	acatgttggg
aaatttgaaa	cggggaagaa
acccttcaca	agaaattgat
gacggttcta	ggttggtcac
tactcggcct	ctctaccgat
agaccatcaa	ggatgcgata
tagacaccga	tgagaagtgc
ccggaagtgc	tcttacagga
aatcccagat	atggn
60	120
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300	360
420	480
540	600
660	720
780	840
900	960
1020	1080
1140	1200
1260	1320
1339	

<210> 6991  
 <211> 682  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

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aagcagtggt	gcgaagcgcc
ctccttacac	cggtcgaatc
aatatttcga	aaggcaccat
atacaaccgc	ttggtattac
ctcggcttta	acgcagcttt
atagcgttca	accctgggta
ncgggacgct	attagctttc
catgggagta	60
agtgctagga	120
tataggcgtt	180
caagcttaca	240
cggcatatac	300
cgccttcagt	360
attagctttc	420



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<220>  
<221> misc_feature  
<222> (1)...(658)  
<223> n = A,T,C or G
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<210> 6993
<211> 730
<212> DNA
<213> Aspergillus oryzae
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<220>  
<221> misc_feature  
<222> (1)...(730)  
<223> n = A,T,C or G
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<210> 6994
<211> 664
<212> DNA
<213> Aspergillus oryzae
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- 2481 -

<221> misc\_feature  
 <222> (1)...(664)  
 <223> n = A,T,C or G

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 atggcgaaca ccccggtctc actggcatcg agactcgcca gaaccctcac ccctccgct 180  
 cccggaaccc ctatggccac aacgttggtg tgaccgactt tctgagcaac gtctcccggt 240  
 tcaagatcat tgagagtacc ctccgtgagg gtgaacagtt cgcgaatgct ttctttgata 300  
 ccgaaaagaa gattgaaatc gctaaggctc tggatgattt cgggtgctgac tacatcgaac 360  
 ttaccagtcc ttgtgcctct gagcagtcga gacttgactg cgaggctatc tgcaagctcg 420  
 gcttgaaggc caagattctt actcacattc gatgccacat ggatgatgcc cgtgttgccg 480  
 tcgagactgg tgttgatgga gttgacgtcg tcatcggcac ttcgctctac ctccgtgagc 540  
 actctcacgg caacgatatg acctacatca agaactgctc tattgaagtt attgaatatg 600  
 tcaagtcaaa gggcatcgag attcgattct ctagtgagga ctccctccgt tctgnactcg 660  
 gcga 664

<210> 6995  
 <211> 1409  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 6995  
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 cctcccgatt gtggcctatc tcatctgtgt ggtcgagttc tccgagcgag cttcgtaacta 180  
 tgggtgtttcg ggcctcgctt ccaacttcgt caatcgctcc ctgcccgtcg ggggcaatgg 240  
 ctacgggtgca cctccgctgg gtacgcagca gacggctggc gccttgggca tgggcaactgt 300  
 caaggccaac gccgtcaacc agtcgttcag catgttagca tacgcccttc ccatggctctt 360  
 cggctacctg tccgatgctc atacgggccc cttcaagatg atctactggg gtgttttctg 420  
 tttcggtatc gctcatgtcc tgatgggtgg agcgactgcg cccaatctcc ttgccaatgg 480  
 ggggtgcgaaa gcgcctctct tcatctccct gtatatgttg tcgggtcggtg ccgccatggt 540  
 taagcccaat gtctccccc tgctgttaga tcagatgccc aataccaagg cgaagatcaa 600  
 ggtgctgtcc aatggcgaaa aggttatcgt cgaccctgag gtcacgaccg agcgtgctat 660  
 gctctggttc tatctgctta tcaacattgg cggcttcctg caggctcgcta cctcctacgc 720  
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 cttgctcaat gtctgcctg tattgggcat ctgcctccgt ggcggcggtg tcttgcgcat 900  
 tggagcccat ggcttctgg acgcggccaa gccgtccgtc atcgagcga agggacagaa 960  
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<210> 6996  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 6996







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<400> 7004
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tttccgagaa gaagatctcc gctgttcagg atatcattcc cgcccttgag gcctccacta      180
ccctccgccc ccctctcgtc atcattgctg aggacattga gggtgaggct ctcgccgtct      240
gcattctgaa caagctccgt ggtcagctcc aggttgctgc cgtcaaggct cctggctttg      300
gtgacaaccg caagagcatc cttgggtgat ttgggtgtct cactaacggg actgtcttta      360
ccgatgagct cgacatcaag cttgagaagc ttaccctcga catgctcggg tccactgggt      420
ccatcactat cactaaggag gacactatca tcctgaacgg tgagggtacc aaggactcca      480
tcgctcagcg ctgtgagcag atccgtgggt tcatggctga cccaccact tccgaatatg      540
agaaggagaa gctccaggag cgtctggcca aacttttccg gtgggtgtgg tt              592

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<210> 7005
<211> 773
<212> DNA
<213> Aspergillus oryzae

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<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

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<400> 7005
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taacctgaac ggtggcttgg gtacttccat ggggtgcgtt ggccccaagt cagtcattga      180
ggtcgctgag ggcattgcct tcctggatct gtccgttcgc cagatcgagc acctgaaccg      240
cactttcaac gtcaacgttc ccttcgtcct gatgaactcc ttcaacaccg accaggacac      300
tcagtccatc atcaagaaat accagggcca caacgttgat atccttacct tcaaccagtc      360
tcgctacccc cgtatcatca aggaotctct tctccccgct cctaagagct ttgatgcacc      420
tctgcaggac tggatatccc caggccatgg tgatgtcttt gagtccctgt acaactctgg      480
cactcttgac aagctcttgg aacgtgggtg ggagtacaat cttctgtcca acgccgacaa      540
cttgggtgct gtggtcgacc ttgcgactct gcagcacatg gttgataccg agtctgagta      600
catcatgnga attgactgat aagaccaagg ccgatgtgaa aggtgggtact atcatcgact      660
acgagggcaa ggctcgtctc ttggaaatcg ctcaggtccc taaggaacac gtaacgagtt      720
caagtttatt aagaaattta agtctttcaa caaaaacaa attttggtatg act              773

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<210> 7006
<211> 1192
<212> DNA
<213> Aspergillus oryzae

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<400> 7006
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cctctgccag ccaggcttcc aagggttgcc ttcttggtgc cgttggtggc attggccagc      180
ctctctccct tctcctcaag cteaaccccc gtgtttctga gcttgccctc tacgatatcc      240
gcggtggccc tgggtgttgc gctgacctga gccacatcaa caccaacagc accgtctctg      300
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cctccattgt ccgcgacctt gctaaagccg ccgccgaggc ttcccccgag gccaacatcc      480
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agggtaagac ccgcgatgag ctcgtcaacc gcatccagtt cgggtggtgat gaggttgtca      780
aggccaagga tgggtgctggc tctgccaccc tctccatggc catggctggg gctcgcattg      840
ctgagtcctt cctgaaggcc gccacgggtg agaagggtgt cgttgagccc actttcgtcg      900
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ccaacgggtgt	tgagaagatc	ctccccgttg	gccagggtcaa	cgccctacgag	gagaagctcc	1020
tcgaggcctg	ccttggtgac	ctcaagaaga	acatccagaa	gggtattgac	ttcgtcaagg	1080
ccaaccctta	aattactctc	ataagggaaa	ctaggccgtc	tgcagctctt	ttctctctgt	1140
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<210> 7007  
 <211> 965  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(965)  
 <223> n = A,T,C or G

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agtgggcagg	agctacaaat	gctgtagcgc	ttgctcagag	actattgttg	acacgtacaa	720
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<210> 7008  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <223> n = A,T,C or G

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cttagagatc	ctttgcgcac	ccttttccac	agtccttcta	cgtaaaataa	ttgcgacttt	180
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ccttccagaa	taccgggaaa	tggattgacg	acgtacgagg	ggagcgtggc	aatgatgtta	600
tcaattgtct	agttggcaac	aagactgata	ttaacgacaa	gcgcgaggtc	accaccgcgc	660
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gtcataacgt	caagcaactt	ttccggcgga	tagcccaagc	tctaccaggc	atggaaggcg	780
aaggtagtan	aggagagagc	caagtgatcg	atgtgaacat	caacccaaaa	gagaccacaa	840
ccaacgatgg	atgcgcacgc	tgaaagctgt	aatgtactac	ctggtcggca	tttttcgatt	900

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926

<210> 7009

<211> 990

<212> DNA

<213> *Aspergillus oryzae*

<400> 7009

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ccttaacaag	gattttctacc	acaccagcgc	tgccagcctt	gaggttaagt	ccaaggctcc	180
caatggcgctc	accttcaacg	tgaaggggcaa	gaacgcccac	gaggggtcca	tcgctggctc	240
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tgccaacgcc	ctcgacacca	agctcgagct	cgacaacaac	attgccaacg	gtctcaaggc	360
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<210> 7010

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<400> 7010

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ggccaagaac	agcaacatgc	gtcaccgccc	cattgctctt	gggtgtcaatg	gtctggctga	180
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aatcttcgag	accatctacc	acggagcttt	gactgtctca	tctgacctgg	ccaaggactt	300
cggaacgtac	gagtcatatg	aaggctctcc	cgctctccat	ggcattcttc	agtacgacat	360
gtgggaccgg	acccccactg	atctctggga	ctgggacgct	ctcaaagcga	aaatcgccca	420
taccgggggtg	cgcaacagct	tgctagtggc	gcccatggcg	accgaagca	ccagtcagat	480
cttgggtctc	aacgaatggc	ttgagccttt	acccttcgac	atttactccc	ggcgtgttct	540
tgctgtgtaa	ttccaggctg	tcaaacctctg	gcttctcaag	gacttggggc	accttggtct	600
gtgggttgac	aacattagaa	accgatcatt	gccgaggggg	gttcattcta	aaaatttcta	660
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<210> 7011

<211> 741

<212> DNA

<213> *Aspergillus oryzae*

<400> 7011

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<210> 7012  
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 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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gtaacaagtt	ccttcccaag	ggaattaaga	ttgtcggcta	tgcccggaca	aacatggacc	300
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agtctttcca	aaacctcact	agacaccttt	gagatatcga	gaaggggtcac	aaggagcaga	480
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<210> 7013  
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 <212> DNA  
 <213> *Aspergillus oryzae*

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 <211> 933  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(933)  
 <223> n = A,T,C or G

<400> 7014

# 2025

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<210> 7017

<211> 663

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(663)

<223> n = A,T,C or G

<400> 7017

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<210> 7018

<211> 1143

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1143)

<223> n = A,T,C or G

<400> 7018

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<210> 7019

<211> 813

<212> DNA

<213> *Aspergillus oryzae*

<400> 7019

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<210> 7020

<211> 834

<212> DNA

<213> *Aspergillus oryzae*

<400> 7020

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<210> 7021

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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 <223> n = A,T,C or G

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<210> 7022  
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 <212> DNA  
 <213> Aspergillus oryzae

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<210> 7023  
 <211> 1189  
 <212> DNA  
 <213> Aspergillus oryzae

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 agcaggacat tgagcagctg ctgcgtgctc agtgccacct gggttccaag aacctccagg 180  
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1189

<210> 7024

<211> 1047

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1047)

<223> n = A,T,C or G

<400> 7024

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<210> 7025

<211> 1392

<212> DNA

<213> *Aspergillus oryzae*

<400> 7025

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ccaccaccaa	agtaaacgcg	cccacccccg	ttcatcagat	gcaggattcc	caccaccag	1260
tcggtaatth	gccatctata	tcgcactctt	gtctccacag	aaaggacctc	gtactttcgg	1320

tggtgctactt tgcaattcac gaaactgaaa gaaccccgct aatctttgat acctgggcaa	1380
gataggcttt ga	1392

<210> 7026  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7026	
ccctgtgtat ctgacctgat ttgttgagag attctctgat cacctcatca agagtgacca	60
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caactggaag atttacctcc tcgcagctgt tgcctcatgc acgtcttgta tgatcggata	180
tgatagtgcc ttcataggta cgactatata tctccagtca ttcaaggatg agtttgattg	240
ggactccatg tctgccgcgc accaagacct agtgagctcc aacattgtct ctctctacca	300
ggcgggtgca ttcttttggtg cattcttcgc ctatcctatc ggtcattttt ggggtcgaaa	360
atggggcctg atggtctctg ctttaataatt tacattgggt gccggcataa tgctgggtac	420
taatggcgac cgtggatttg gtttacttta tggaggacga gtgcttgctg gcttgggagt	480
gggagctggc tccaatatca ctctatttta tatctccgag ttatctcccc cggcgatcag	540
aagacgggtg gttgggggtt acgaattggg gtggcaaatt ggtgggcttg taagcttttg	600
gatctgttac cgcgttgatg aaacgcttgc ccccgagtca taaagcaggg gatcatccca	660
ttcgctggcc c	671

<210> 7027  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

<400> 7027	
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ttgaatacag gaaactgtat tgaagcaciaa gggatttact accaacacgt ctcccgataa	120
tcacacgctg gcccttggc gaagaccacc actcgatata cacataggca caatggcgcg	180
actatcgagt cgcaacggtg cggccaagcc gttcactgct tggactacca tcttctacct	240
tctccttggt ttcatcgcg ccctggcatt cttcgggtacc gcacacgctg aggaggactc	300
tgtccaagac aactatggaa ctgtaatttg tattgatttg ggaacaacct actcttgtgt	360
tggtgtgatg cagaatggaa aggtcgagat tctcgtcaac gaccaaggaa accgaatcac	420
tccttccctac gtgcgtttca ccgatgagga acgcctggtc ngtgacgccg ctaagaacca	480
atacgccgcc aaccccgctc ggaccatctt tgacatcaag cgtctgattg gtcgcaagta	540
cgatgacang gatgtacca aggacaccaa gaacttcccc tccaagggtg caacaaggat	600
tgcaagcctg tcttgaaagt tgacctgaac aagaccccca agacttcact tcttgaggag	660
gttccggcat tggtcctcga aagagaang	689

<210> 7028  
 <211> 690  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

<400> 7028	
cgaagcgccc ccaagactca ttgcagaccg ttctcggctg gtccgcaacg ttgcagcgac	60
tccctttccg tgcaccgcaa caagcctacc aacaaccgga gcatcccggt caggttcaac	120
gagcagaacc aacgattgat cgatgagatc ctcaagcgct atcctcccca gtacaagaag	180

gccgcegtca	tgcctctcct	ggatctgggc	cagcgtcagc	acggcttcac	cagcattagc	240
gtcatgaacg	aggctgcccc	cctcctggag	atgcccccca	tgcgtgtcta	cgaagtcgct	300
actttctata	ccatgtacaa	cogtgagcct	gttggcaaat	actttgttca	gctttgcaca	360
acgacgccat	gccagctcgg	aggetgcggc	agcaccaaga	tccttgaage	tatccaggaa	420
cacctcgcca	tcacccccgg	acacaccacc	gaggatggac	tcttcaoctt	gcttgaagtc	480
gagtgtcttg	gcgcctgtgt	caacgccccct	atggctccaga	tcaacgacga	ttattacgag	540
gatcttactc	cagagttcat	gaagactctc	ctcaccgcac	tcaaggagtt	cgcgactgcc	600
accgacgccg	gcaagaccgt	ccaaaattct	ggccctggcc	caatgagtgg	gagaaacacc	660
tgtgagaaca	gcgccggact	ggacaacctn				690

<210> 7029

<211> 773

<212> DNA

<213> *Aspergillus oryzae*

<400> 7029

ggtgacgaaa	tctccatcct	cgtcgcggta	gcgtagcctg	accgatttgc	tgcctattga	60
tcgattgggtg	aaccgggcca	atttcgcato	cactcggctc	gtgagcgagc	ggaacatgat	120
gttgctggca	atcactagag	tgacgtagtt	atcatcgaaa	ttaaccttcg	ctttgagttg	180
ggtcggcatg	agaggctcct	cctctggttc	ttggctgaga	ggggatgtag	gctgatctag	240
aaggatatctt	cgaggtaaac	gctacogctg	gtgacactca	ccttgggtgg	gaggacttcg	300
acaaccgtct	cgtcaaccat	ttcgtaaacg	agttcaaacy	caagcacaag	aaagatctca	360
ctaccaacgc	gcgtgcccct	cgcgctctcc	gcactgacct	tgagcgtgcc	aagcgtacac	420
tgtcttctgc	tgcccagacc	tctattgaaa	tcgactctct	ctttgagggg	attgatttct	480
atacctcgat	cacccgtgcc	cgtttcgagg	aactttgcc	ggacctcttc	cgcggtacta	540
ttggagcctgt	cgagcgtgtc	ctccgtgatg	ccaagatcga	caagtcctct	gtccacgaga	600
ttgtcctggg	cgggtggctct	acccgtatcc	ccaagatcca	gcgccttgte	tccgattttt	660
tcaacaagga	gcccacaag	tccatcaacc	ccgatgaggc	cgttgccctac	ggtgctgccg	720
ttcaggctgc	catcctgtcc	ggtgatagtt	cctccaagtc	caccaacgag	atc	773

<210> 7030

<211> 639

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(639)

<223> n = A,T,C or G

<400> 7030

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tgccctgcagg	tcctggatag	tggectagtt	ccgggcaaca	ggaacgcoga	taatgtagac	120
aaggctcctcg	aaaagttcga	ctatatgtgc	taccccgacc	gtagtattca	aacggatggg	180
gtaaaggcat	tctcagtcac	ctcattcggt	tntggtcaga	agggcgcgca	agttattggg	240
atccacccca	agtatcttta	cgtgtctctc	gaccgcactc	aattngaggc	ctacaagggc	300
aagggttgagg	ctaggcaaaa	gagggcggtat	cggttcttcc	acaacggtct	gatcaacaac	360
agcatatttg	ttgccaagaa	caaagcgcca	tattatgata	accttcaaac	aatcttctct	420
tacccttgat	atcggttac	tggtgacaag	aaatctttga	acttaagttc	cccgcaactc	480
cccccaaagt	ggttggtaaa	ggaagtgaag	gcaccaaggc	aggtaattaa	gtccctgctg	540
aaagcttacc	cctgtggaaa	acctcaaagt	gggggtggaag	gggaaaaccc	ggaggttttc	600
ataattgaat	agtaaacctt	cttcaacaga	atttccct			639

<210> 7031

<211> 1509

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature



<222> (1)...(1509)  
 <223> n = A,T,C or G

<400> 7031  
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 gctaattatc attttccgtt gagcaccatt catttctaga catgttccgc actcgagtaa 120  
 cgtcggcagc ttgcgctgct gcccacaaaag ctccagcagc acgcaatttc gcaagagctt 180  
 caccagttag ctctgcttct cggaaaccaca aggtcgtggt agttgggtgt ggtacggctg 240  
 gtctgtctat cagccatcag cttcttcact ctggcaaat tactcaagac gatattgctg 300  
 ttatcgaccc tgcagagtgg catcattatc agcccggatg gactctagtt ggcgggtggtc 360  
 ttaaaaccaa ggaggagtgt cgcaggccaa tgaacagtct ggtcgaccct aagctcaaat 420  
 tctacaacga cagcgtgtcc acgttttccc ctgaggagaa tcttgtcact cttggtaatg 480  
 gcgacaaggc caactatgaa cagctgggtt tgggtcccgc cattaacatc aactatggta 540  
 gcattgaggg tctgcccagag gctctggagt ctcccgactc tcttgtctct actatctatg 600  
 gttacaacac ttgcgacaaa gtcttccgca ctgtccaaaa actcgagaaa ggtgttgctc 660  
 tttttaccca acctgccggt gtgatcaaat gtgcagggtc gccgcaaaag gtcattgtggc 720  
 tcgcattgga ccattggaag agagccggcc tgtacgatcc cagcaacccc tccagttctg 780  
 ctatcaatat cagctttgcc actgctctcc cggccatggt tgggtgtgccc aagtacagtg 840  
 ctacacttga ggctctgcgg aaggaaaggg gcgtcgaggg actcttccag catgacctcg 900  
 tcgccatcga aggcaacaca gccacttttg ctctgtctga tggtcaggag aaggtaaga 960  
 agcagttcga tctgttgac gttgtaccca agatgggacc ccacgcattt gtcaagaaca 1020  
 gccctctagc gaacgaagct gggtttgtcg atgtcgatga tagcaccctg cgtcacaaga 1080  
 aattctctaa cgtctggtct gcgggtgatg gcttcagtct ttctacagcc cagaccgggg 1140  
 gcgcaattac tttccaatca cccattcttg gtctgtggtt gctttccaca atggaaggcc 1200  
 aggagcccca aggaaactat gacgggtata ctctctgtcc tctgtgact gagtacggca 1260  
 aggttctttt ggctgaattc aaatacggcg gccagcccaa ggagactttt ggcacctgtt 1320  
 cggtatcgac agccactcc tcccgatgat tctatcatct gaagaaagac ttcttccttn 1380  
 ggggtgtacta ccaaaccatt gtcaaagggc aatgggggcg gccctaagg gtgggttaac 1440  
 tataaaaacc tggagcccgc ggggtactata ctttttgaga aaaccaatac tgggaagctt 1500  
 caaattacg 1509

<210> 7032  
 <211> 757  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 7032  
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 tacgctgatg aggaagctcg cgggtggtgt cttgagcctg agggatttgt taacatcaaa 120  
 taccgccgtg acaagcagtt ggataccatg gctcgcctgg atgctactta tggtagctc 180  
 cgacgctctc tggaaagactc gtcgctcagt aaagagcagc tgtcggagat caagactaag 240  
 atggctgccc gcgaggagca acttctgccc gtctatattgc agattgctct gcagtttget 300  
 gatcttcatg atcgtgctgg ccgcatggag gccagaaca ctattcgccg gccgctcacc 360  
 tggagaacg cacgtcgatt cttctacttg cgtgtgcgtc gccgtctcag cgaggaaactt 420  
 atoctcaagc gcatggtggg tgtgggaaoc gtcttccgca ccccgggaaa gccagcagt 480  
 ggtgccatcc cgaccacccc agccggaaac gtctcttcta ctgaatccgc tcgctcgact 540  
 caccctttaca ccttgcgtac ctggactgga atgcttgatg accaantgga gcgtgatgac 600  
 caacgtgtgg ccttgtggta tgaggagaac aaaaaactta ttccgacaaa gatttgaaat 660  
 cctcaaaacc cagtcgccgtt ggtggagatg gtggggcaaa tgggttaattg gcaacaagga 720  
 ccgggggaat tgaagggtgg tccccaaagg tttttgg 757

<210> 7033  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7033  
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 tcaagaagtg tgcaaccgca tcttccacac cagctatatg ggcaacccaa attccagtaa 120  
 ggagacaagg gaccgggtcaa agagggtttc aaccgacatt ggatcttata atgtcgactt 180  
 caactttgat acagttgtga cttccttgac gaatttggtc acgatgggta ccaacttcca 240  
 gcctaagtcc aagggttcatt gtggttagtcg ggcagaaaat caagcgctac agaacgttca 300  
 agcccgcctt agaattgggtc tttcgtactt gtttgcattc ttgcttccta cagtcgggca 360  
 gcgaccaggt ggaagcggac tgcttgctct ggcattcatca aatgtagatg aatggttgcg 420  
 tggctattta actaaatagc atgccagtag cgcagatttg aacccaattg gctctatcag 480  
 caaagtcgac ttgaagaaat tcatcgctcg gtctcgggat tcgtttgaat tgctatttct 540  
 tcacgaaatt ctgaatgcca ccccaactgc cgagctggaa ccgataacaa tcacgtacgt 600  
 tcagtcagac caaacggaca tgggtgtaac gtacgctgag ttgtccactt ttcggttaact 660  
 gcgtaagacc cggaaactag gacctttgt 689

<210> 7034

<211> 1617

<212> DNA

<213> *Aspergillus oryzae*

<400> 7034  
 tctccctcga cccatctata agcctattga acaacattat cacaatgtct gagcctatta 60  
 ggaataagaa agcagatttt ccggtcgccc cgacgcctca aaacacccca gctaataatg 120  
 cccctatttc ctcccatgcc cagcagcctg gagtctccag catcaaagaa gaatcccttg 180  
 atcatgccac agctgcttct ttattcgcca gaaaccctgg gctcgtctcc atgattcaag 240  
 gaaaattggg atcacttgct ggtcgctctt ccggatata ttagtctctg ccgcacctg 300  
 tccgcgcgacg tgcgctgga ctgaaaggta tccagaagga acacgctaag ctggaagctc 360  
 aatttcaaga agaagtgttg gagctcgaaa agaagtactt tgcaaaattt actcctctgt 420  
 atcaaaggcg tgccacgatt gtcaatgggg ctgcggaacc gaccgacagt gaagttgatg 480  
 cgggcaaggg tgaggaagaa gatgtggatg ttaagagcga agatgagtct aaaaagtccg 540  
 aggacaagggt gtcattcaaca gccggaatac ccgagttctg gctttctgct atgaaaaatc 600  
 aaatttctct ggcagagatg gtgactgaac gagatgaaga ggctctcaga catctcaccg 660  
 atattccgaat ggagtacctt gatcgtccgg gatttcgcct gatttttgaa ttctctgaga 720  
 attcattctt cacaacaag actatttcga aaacgtacta ttacaaggaa gagaacggct 780  
 acggtggtga tttcatctat gatcatgccg agggcactaa gattgattgg aaagacgaca 840  
 aggacctcac tgttcgtgtc gaaagtaaaa agcacagaaa caagaacaca aagcaaactc 900  
 gcgttgctca gataaccgta cccacggagt ctttatttaa tttcttttct cccccacagc 960  
 ccccaacgga cgacgatgat actgtcgcta ccgacattga agagcggctt gagcttgact 1020  
 accagcttgg agaggatata aaggagaagc tcatctctcg cgcaatcgat tggtttactg 1080  
 gggaggtctt tcagtttgaa gaactgggcg atgatatgga tcctgatgag tttgacgacg 1140  
 aggacgagga cgaggaagag gatgaagatg atgacgagca cgacaggaag tctgatgggg 1200  
 acgttgatga cgactctgat gaagaggacg gtacttcgaa gcccaaaaag gagggcgcag 1260  
 aatgcaaaca aagctgaaca gtcagctaag cgttgaaagt gcaaattcga atgggtgctat 1320  
 aatccatata tccacctgac ttctgatgcc tgccttttat tctttgtttc tctcagattg 1380  
 tttcttctaa tcatgcgtgg ctctgttcc attcaatagc ggtccgctgt atgtatggtc 1440  
 aaagtattat gtgtaaccat gcatacttca ccatcagatt ggtgggcatg tagtggatgg 1500  
 taaagctcgt tggatggaac cgtcaaggca gtgtcggctc ctaatcattt tttcttctc 1560  
 atcgccctcc aaactccttc accgacgacc tttttctccc tctctactt ttcttta 1617

<210> 7035

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 7035

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tctggctcta	gtcactgggtg	gtgagattgc	atccaccttt	gaccaccccg	agcaagttaa	120
gctgggtcac	tgtgacgtta	tcgaggaagt	aatcatcggt	gaagatactc	tgattaaatt	180
ctcggggcgtg	gctgccgggtc	aggcctgcac	cattgtgtctc	cgcggtgcta	cgagagcagct	240
gcttgacgag	gctgaacgct	ctctccacga	cgccctcgcc	gtgctttccc	agactgtgaa	300
ggacccccgt	gtcaccctgg	gtgggtggtg	cgagagatg	gtcatgtcca	aggctgttga	360
gcaagcggct	cagaacacca	cgggcaagaa	gcagctggct	gttgactctt	tcgcacttgc	420
tctcaagcaa	ttgcccacta	tcctggctga	caacgcgggt	ctggactcca	gtgatctcgt	480
gacccgacta	cgacaggcca	tcaacaacgg	catgaccagc	tctggccttg	acttgctcac	540
ccctgggtggc	ggcattgtctg	acatgcggga	gttgggcgtt	gtggagagtt	acaagctgaa	600
gaaagccgtg	gtttcctccg	catcggaggc	atncgagctt	cttctgcgcg	ttgacaacat	660
cattcgtct	gtcccc					676

<210> 7036

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 7036

cgtcataccc	tttttcgttc	gcacttctcc	cactccatca	ccatgtccga	gaaaactcac	60
cccactatcc	aggatggctg	gttctccgag	aagtccaaca	tgtggcctgg	tcaggccatg	120
agcctcaagg	tcaaccagat	cctgcaccac	gagaagtcta	agtaccagga	tgtcctcgtc	180
ttcgagagca	gcgactacgg	cactgtcctc	gttctggaca	atgtcatcca	gtgcactgag	240
cgggatgagt	tctcctacca	ggagatgatc	acccacctcg	ccatgaactc	tcaccccaac	300
cccgagaagg	tcctgggtcat	cggtgggtga	gacggcgggtg	ttctccgtga	ggtcgtcaag	360
cacgataccg	tcaagaaggc	catcctgtgc	gatatcgatg	aggccgtcat	ccgtgtctct	420
aagaagtacc	tccccggcat	gagcatcggc	ttccaacacc	ccaacgtcga	ggagtctcgtc	480
ggcgatggct	ttgagttcct	ctaaacccac	aagaacgagt	tcgacgttat	catcaccgac	540
agctccgacc	ctgaagggcc	tgctgagagt	ctcttccaaa	gccctactgt	gagcttcttg	600
gcgatgcgct	ccctgacgga	ggtgtgatta	ccacacaaag	ccgaaaacca	atggttggac	660
ctttttttat	cg					672

<210> 7037

<211> 869

<212> DNA

<213> *Aspergillus oryzae*

<400> 7037

gcaaggtact	tatcatctct	gtctcctctt	ttatctccct	tttccccttc	tattctacta	60
gcattgaaaa	aatggcgatc	caagcttcgg	ctacgcgtct	cttcaagagg	gcggttatcc	120
ccgcatctcg	ccagtggcag	cgacagttca	gcgctgcagc	cccagcactc	aaggagatcc	180
aggatgccta	tatcctcagt	gcttcacgaa	ctccgactgc	taagtttaat	ggatcgttcg	240
cctccgtctc	tgcccccgag	ctgggcgcgg	ttgccatcaa	gtctgctgtg	accaagtctg	300
gactccctgt	cgagaagatc	accgatgtat	acatgggaaa	tgtcctccaa	ggatcggctg	360
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tcagccttgg	cctggcagac	gccccagttg	ctggaggaat	ggagaatatg	tctcgtgtcc	540
cttactacct	cccacgttcc	agccagcttc	caccgttcgg	agagatcaaa	ctggaagatg	600
gtttaatcaa	ggatggtctg	tgggatgtct	ataacaagtt	tcatatgggt	atctgtgccg	660
aaaccacagc	caagaagtat	gagatctcga	gggaagaaca	ggatgaatat	gcgattcagt	720
cgtaccagcg	ggctcaaaaa	gccttgaacg	agaataagtt	cgccgatgaa	aatggccccg	780
tcacctgcaa	gggtaaagaa	gggtgagacc	gggtgtccaa	cgtgaccaac	ggctattaaa	840
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<210> 7038

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>



<210> 7041  
 <211> 993  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(993)  
 <223> n = A,T,C or G

<400> 7041  
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 ccctagtgtg gcagtcaccc ttgcccgtc ccattcatac tcccatcccg taccocgccg 120  
 caatgtcgac ctctgctcgt cgctgtctca tgcgcgactt caagcgtatg caaacccgacc 180  
 ctctgcccgt tgtctcggcc tctccggtag ctgacaatgt gatgacctg aatgccgtta 240  
 tcatcgggtc tgctgatact ccttttgagg atggcacatt ccgtcttgtc atgcactttg 300  
 aagaacagta cccaaacaag cccctggcg ttaaattcat cagccagatg tccatccca 360  
 atgtatacgg cagggcgaa ctgtgcctgg atattttgca aaatcggttg agcccaacgt 420  
 atgacgtggc ggccattctc actagtattc aaagtctgct taatgacca aacacatcat 480  
 cacctgccaa tgttgaggca tccaatctct acaaagacaa ccggaaggag tacatcaagc 540  
 gcgtgcgtga gactgtcgag aagagctggg aagactaggg gacctacat gtgatattgg 600  
 ttatttctct taattgtttt ctattccctt gtctcggtat gatttatctg tgggctttta 660  
 tgacgaaaca aatattgtct gctcatgtca aaagggtgaca gcatactgcc aatgggtggcg 720  
 gacacgccgt tggcatgact tgctcttgga ggattcacac gccgtttgat gacatgcaca 780  
 gcgcgggggt tgggcgcctg gtacatatcc tccctttggt ctctttttgt ggataatcgc 840  
 atgtttcagt tgcgaggtgc ataatgcatt agcttaggat gtttctgccc tcaattttgc 900  
 cttgctgnct attagtctnt cccttccgc tctgcttcac tttgacttaa ccgatagcgt 960  
 ggtttgcttt cgctnctga gtcttttatg gaa 993

<210> 7042  
 <211> 687  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(687)  
 <223> n = A,T,C or G

<400> 7042  
 ggtcaccaag gtcgacgtcc ccaaggacgt tgacgtcatc ctggttgccc ccaagggctc 60  
 gggtcgtaac gtccgcactc tcttcogtga gggccgtggt atcaactcct ccacgcgcgt 120  
 ctaccaggat gtcaccggcc aggccaagga gaaggccatc gccatgggtg ttgccgtcgg 180  
 ttccggttac ctctacgaga ccaccttcga gaaggaggtc tactccgac tctacggtga 240  
 gcgtggttgc ttgatgggtg gtatccacgg tatgttctc gccagtagc aggtcctccg 300  
 tgagcgtggc cacagcccct ccgaggcctt caacgagacc gttgaggagg ccaactcagtc 360  
 tctctacccc ttgatcggtg ccaacggcat ggactggatg tacgctgcct gctccaccac 420  
 cgcccgctcgt ggtgccatcg actggtccag ccgcttcaag gacaacctca agccctctt 480  
 caacgagtc tacgacagcg tgcgtgacgg caccgagacc cagcgttctc tggactacaa 540  
 ctcccagaag gactaccgcg agaagtacga gaaggagatg caggacatcc gtgatctcga 600  
 gatctggcgc gctggaaagg ccgtccgtgc ccttcgcccc gagaaccaga agtnaatgta 660  
 atgtgcattg ggatttgga aaaagtt 687

<210> 7043  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature

<222> (1)...(681)  
 <223> n = A,T,C or G

<400> 7043  
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 atggcggacg gcattgacag acgggcagat gaccgcattg agttcaacac ctccaaggag 120  
 gtcacgggtt ctctacctt cgaggacatg cacttgaagg agagcctcct gcgcgggtatc 180  
 tacgcttacg gctacgagtc tccatcggca gtgcaatcgc gagccatcgt gcagatctgc 240  
 aaaggccgcg acacgattgc ccaggcgagc tccggtacag gtaaaacggc taccttctcg 300  
 atcagtatcc tgcaggtcat cgacaccgtt gtgcgcgaga gtcaagcgct cgtgctatcc 360  
 ccgactcgcg aacttgccac gcagatccag tccgtcatca tggcgctcgg cgactacatg 420  
 aacgtgcaat gccacgcctg catcggaggc acgaatatcg gcgaggacat ccggaagctg 480  
 gactacggac agcacgtcgt ttccggtacg cctggctcgt tccggtatat gatccgtcgg 540  
 cgccacctgc gcacccgcca catcaagatg ctgggtgctg atgaagccga cgagctgctc 600  
 aaccgcggtt tccgtgaaca gatctacgac gtnatccggt acctgcccc ggccacgcag 660  
 ggtgtggtcg tcttcgagc c 681

<210> 7044  
 <211> 650  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7044  
 ctcatctcatt ccaccatcag ctctctccaa caatgtccac aaacatcacc ttccatgccca 60  
 gcgcccgtgac gcgcagcgaa cgcagcgaaac tccgcaacca acgcggtctc acaatctggc 120  
 tcaccgggtct ctccgcctcg ggcaagtcta ccattgccgt tgagctcgag caccagctcc 180  
 tccgagaccg ggggtgtccac gcctaccgtc tcgacgggtga caacatccgc ttccgactca 240  
 acaaggacct cgggttttagc gaaaaggacc gcaacgagaa catccgtcgg attgcagagg 300  
 ttgccaagct ctccgcccac agcgcctcta tcgccatcac ctcgttcacc tcgcccacc 360  
 gtgcagaccg tgacaccgcy cgcaaactgc acgaagtccc caccocgggt gaagagaccg 420  
 gtttgccctt cgttgaggtc ttcatcgatg tccccattga ggttgccgag cagcgtgacc 480  
 ccaaaggtct ttataagttg gccagggccg gtaagatttc ggagttcacc ggcattcaatg 540  
 cgccttacga ggaacctgaa tagcctgacg tgcatatcca taacctgatg ttgccagtc 600  
 aagatgcgcy gaaacagatt gtggattaat tggatgctca aggtactgc 650

<210> 7045  
 <211> 775  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7045  
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 ggcccccggt cctcgctct actccaagac ctacaaggtc ccccgctcgt ctttcgagtc 120  
 ggctcgtctt gactcggaat tgaagattgt cggcgagtag ggccctgcgc acaagcgtga 180  
 ggtgtggcgt gtccagctca ccctgtccaa gatccgtcgt gctgctcgtg agctgctcac 240  
 cctcgacgag aaggacccca agcgtctttt cgaaggtaac gctttgattc gccgtctggt 300  
 ccgtatcggt gtgctcgatg agtcccgcac gaagctcgat tacgtcctgg cctccgtgt 360  
 cgaggacttc ttggagcgtc gtctccagac ctgtgtctac aagcttggcc ttgccaagtc 420  
 catccaccac gcccggtgct tgatcaagca gcgccacatc cgcgtcggca agcagattgt 480  
 caacgttccc tccttcattg tccgtcttga ctcccagaag cacatcgact tcgctctcac 540  
 ctctccctac ggtggtggtc gccctggccg tgtccagcgc aagaaaggcg cttctgcca 600  
 cgcaggtggt gacgatgccg ctgaggagga tgatgagtaa atcattttaa tcggagtagt 660  
 gacgggtttc gttttggaaa cataaaaaatg tgggggcctc aactgtgact gcagcatagc 720  
 gtattgatgt tgtacgatca tgcccttcat gaccaaaga tagcttcagc ttatt 775

<210> 7046  
 <211> 720  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7046  
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 ggtacgacga acacaccctg cttgatgtac caggctacga tcagaatgtc aagttcggtg 120  
 ttttgactca cttctgctac gagattgatg gcactaagga aaggattgag attgccacta 180  
 ctcggtcccga gaccatgatt ggtgataccg gtatcgccgt tcaccccagag gacaagcgct 240  
 accaacacct gatcggcaag tttgccaaag accccttcgt ggaccgcttg cttccgacg 300  
 ttgcagacac tgatgttgat cctgagttcg gtaccgggtg cgtgaagatt actccggctc 360  
 acgatttcaa tgactttaac cgcggaagg cccacaacct cgagttcatt tccgtgatga 420  
 acgacgatgg caccttcaac aagaacgggtg gtatctttgc cggcatgaag cgtttcgatg 480  
 ctcgttacaa ggtcatcgaa cttctgaagg agaatggact gtacgtcaag tgggagcaca 540  
 accctatgaa gatcctcgat gtgccaaagtc caacgatgtt attgagccca tcctcaagcc 600  
 caagtgggtg atgaagatgg gaagccttgc caagcttgcc attgacgctt gtcaaaaggg 660  
 ttgcattgtc aacaagccag agtctgccga gaaaaactaa ttccgctggg tatggatatg 720

<210> 7047

<211> 798

<212> DNA

<213> *Aspergillus oryzae*

<400> 7047  
 cgactaagcg ctaaagtctt cctgtataac taagcctcac tactactctc tgccattgat 60  
 cgcaattcct tcctaccttc tattcatgca ccgatacatc tcccccttga gcttgctttc 120  
 cttttattct gtttctgctt cattgtcccg agacacatat atcaaggact tgaatatctc 180  
 aacatggcca ctctactctt aaccttcacg agctccgacg gcgttgacat ccctgtcgaa 240  
 cgtgatgtcg ccgaacgctc gcagctcatt aagaacatgc tcgaagactt ggggtgaaact 300  
 ggagagccca ttcctatccc caacgtcaac gaagccgttc tgaagaaggc cattgaatgg 360  
 tgcacccatc ataagaacga ccctcccagc accggcgatg acgatgattc ccgccgcaag 420  
 actacggata tcgacgagtg ggatcagaag ttcatgcagg ttgatcagga aatgcttttc 480  
 gaaataattc tggccgcca ctaccttgac attaagggac tacttgatgt tggctgcaag 540  
 accgttgcca atatgatcaa gggcaagtct cctgaggaga ttcgtaagac cttcaatatc 600  
 cagaacgatt ttacaccgga ggaggaggat cagattcgct gcgagaatga atgggcagag 660  
 gaccgctaaa tacgctcttg gccgatggta gtcttgctt tgctcttgaa tcccgcccaa 720  
 gtttcatgat cttgtccggg aggcctgcag ttcttcataa tctttcagct tgaatttcat 780  
 ctggggccaat gggctttt 798

<210> 7048

<211> 1019

<212> DNA

<213> *Aspergillus oryzae*

<400> 7048  
 catccgcccc ctggcctacg agagcaacta cacagccgaa atggctcttt ccgacctcga 60  
 ctactacgca aacaagcaat ccgccgacgg ccccgcaatg acctggggcca tcttctccat 120  
 cgtagcgagc gacgtctccc catccggctg ttcagcctgg acctaccacc aatactccta 180  
 cgatccctac accagaggtc ccttcttcca gctgtctgaa caaatgctcg acaacgccag 240  
 catcaacggc ggcacccacc ccgcctaccc attcctcagc ggccacggcg gcgccaacca 300  
 agtcgtgcta ttcggatacc tcggcctgcg tctcctcccc gaagaaggaa tctacatcac 360  
 ccccaaccta ccccccacaa tcccctacgt caaataccga accttctact ggcgcggctg 420  
 gcccatcgcc gccgaatcca actacaccca caccaccatc cgccgcgaca caaagaccgc 480  
 cccctctctc accgccgacg aacgcttccg aaacgccaga atccccgtgc acgtcggcag 540  
 cgacgaagcg gaaaccaca ccctccaacc aaccgggaagt cccctgatca ttgagaaccg 600  
 gcaaatacggc acaattccca ccatgcaagg aaaccagatc caatgtcagc ctatcacgtc 660  
 tccggatgag tacaaggcag gccagttccc catctctgct aatgacgggt cgacgtctac 720  
 gaagtggcag cctgcttcgt cgaatctctc ttctattact gttaccttgt cggatcacga 780  
 gttggcgaat gccgtgtccg ggttccattt cgattgggct tctgcgccgc cggttaatgc 840  
 gtcggtcatt ttccatgagg aggttattga caatccggct tctgtgtttg cgtttgggac 900  
 tcaggacat gctcaagatg aaggggatga gaagtataga gttgtcctca ctttgacggg 960  
 tattgagccc tcgacgatat acacggcgga agatgagaac caggttcga ttcgggttg 1019

<210> 7049

<211> 716  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7049  
 ctttcatctc cgtaccgact aagcgctaaa tgttcctctgt ataactaagc ctcactacta 60  
 ctctctgcca ttgattgtta ttcttctcta ccttctatct ctgcaccgct acatctcccc 120  
 tttgagcttg ctttccctttt attctgtttc tgccctcattg tcccagagaca catatatcaa 180  
 ggcgacaatt gtttcagggt ttaacagtct gcttaggact tgaatatctc aacatggcca 240  
 ctctactctt aaccttcacg agctccgacg gcgttgacat ccctgtcgaa cgtgatgtcg 300  
 ccgaacgctc gcagctcatt aagaacatgc tcgaagactt gggtgaaact ggagagccca 360  
 ttcttatccc caacgtcaac gaagccgttc tgaagaaggc cattgaatgg tgcacccatc 420  
 ataagaacga ccctcccagc accggcgatg acgatgattc ccgccgcaag actacggata 480  
 tcgacgagtg ggatcagaag ttcatgcagg ttgatcagga aatgcttttc gaaataattc 540  
 tggccgccaa ctaccttgac attaaaggac tacttgatgt tggctgcaag accgttgcca 600  
 atatgatcaa gggcaagtct cctgaggaga ttcgtaagac cttcaatatc cagaacgatt 660  
 ttacaccgca ggaggaggat cagattcgtc gcgagaatga atgggcataa gaccgt 716

<210> 7050  
 <211> 801  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(801)  
 <223> n = A,T,C or G

<400> 7050  
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 gtccgctatc tcatcccccg ccattggcctc ctggaagtcg gtccgagaggc tgggtcaccta 120  
 ccgccggcct gcgccttctc tgttgacctc ttctttccgt cccttgggtt caaccgcaaa 180  
 cttctctctc tcagtgtgcc gggctgcgac ccagctggtt cccctccat ccggtttccg 240  
 tctggctccc cccaagaaat gggacgagac caccgagtc tcttgggaca aggccagcaa 300  
 atacttctc atgtctgaga ttttccgagg catgtacgtc gtgttggagc agttcttcag 360  
 accaccttac actatcttct accccttcga gaaaggctcc atctctctc gtttccgtgg 420  
 cgaacacgct ttgcgcgct atcccaccgg tgaggagcgt tgcacgctt gcaagctttg 480  
 cgaagctatc tgccctgctc aggtatcac catcgaggcc gaagaacgtg aggacggaag 540  
 ccgtcggacg acccgttatg atattgatat gaccaagtgt atctactgtg gctactgcca 600  
 ggagagctgc cccgttgatg ccattgttga gactgccaat gctgaatatg ccaccgagac 660  
 ccgtgaggag ctgctgtaca acaaggagaa gctcctggcc aacggtgaca agtgggagcc 720  
 tgaaatgcag ccgtgcccag agctgancgc tccttaccgt aaaacaatac cagctgcttt 780  
 catatcaciaa ngggcactct t 801

<210> 7051  
 <211> 649  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7051  
 gagcgttaaga tcaatgcgcc tttcatgatg cccattaccg cgaagtatcg agacatgggt 60  
 accatggctg aaggccgtgt tgagtccggt gtgatcaaga agaacgctaa ttgcatcatt 120  
 atgcccacc gcaccaaggc tgaaatcaca gctctctatg gagagactga ggatgagatc 180  
 ccgactggca cttgcgggtga ccaagtccgc atgcgtctcc gcggtgtgga agaagaagat 240  
 ctcttctccg gttttgtgct ttgctccccg aagcgtctgg tgaactgtgt gtcaagcttt 300  
 gaggccaaga ttaggattct cgatctgaag agcattctca ctgccggtta caactgtggt 360  
 atgcacgttc actcgccgt tgaagagggt acatttacct ccctgctgca caagtgcgag 420  
 cctggtacag gccgtaggag caagcgcgcc cctcccttcg ccagtaaggg tcagacaatc 480  
 atgccccgtc tcgatgtcac tagcactgct ggtgccgtct gtgtcgagcg tttcgaggac 540  
 tacaacaaa tgggacgggt caccctgcgt gatcaggga aaaccattgg cattggtatg 600



atcaccaagc tcatcaagag tgacgaggac aactaacccc gctttatac

649

<210> 7052  
<211> 833  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(833)  
<223> n = A,T,C or G

<400> 7052  
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ctatgaagga ggtccagatt gacaaggctc tcacgcggctc ttgcacgaac gctcgtattg 180  
aagatctgcg ggcagctgcc aaggttggtt ggggtaagaa gatcgccctc aatgtcaagc 240  
gcgcgatggg cgtccctggg tctggtctcg tgaaggaaca ggctgaagcc gaagggtctcg 300  
acaagatctt cactgatgct ggctttgagt ggagagaagc tggttgctcc atgtgcctgg 360  
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tcgaaggctc ccagggtgct cagggtcgtc cccacctgat gtccctcgtc atggctgcgg 480  
cagctgggat cgtcggaaag cttgcggatg ttcgtgagca tgttgtcact agccccgttc 540  
tgggtaaggt gcaacccagg gttgatgtcc agccagaggc ggaagatgtc gacactgagg 600  
aagaactcga ccgcatcttg gaccagcccg cagacaacga accccacacc aacacctctg 660  
gcggtctcag cgctggcttg cccaagtcca ccaccttaa gggcattgcc gccccatga 720  
accgctccaa cgtcgacact gacgccatca ttcccaagca gttcctgaag accatcaagc 780  
gtactgggtc cggcagcgcg ctcttctacg aactgcgcta caaggatggn cag 833

<210> 7053  
<211> 636  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 7053  
cgacctcgt tcagactcct gcccttcggt cggttggaac cattgtgacc ggtgacgacg 60  
tcagactca ggttatcatc aactgcgggt ctctccccgc tctcctctct ctcctcagct 120  
ctaccaagga tggatatcgt aaggaggctt gctggactat ttccaacgtc actgctggca 180  
actctagtca gatccaggct gtcgtcgacg ctggcatcat tcccccgctg atcaacttgc 240  
ttgccaacgg cgactttaag acccgcaagg aagcttgctg ggctatctcc aacgccactt 300  
ctggttggtc gcagaagcct gagcagatcc gctacctcgt ttctcaggga tgcataagc 360  
cgctctgcga cctgcttgct tgccccgaca acaagatcat ccaagttgct ttggatggcc 420  
tggaagaacat cctcaagggt ggtgagatgg acaaggagcc tgcacagact ggcgaggccc 480  
gtgtcaaccc ctatgctctg ttcatgaag aggcggcggt tatggagaag atccacgact 540  
gccagaacaa cgccaacgag gagatctaca tgaaggcgta caacatcatt gagaagtact 600  
tctccgatga agaaaggccg gtggtgatat cgatgg 636

<210> 7054  
<211> 809  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(809)  
<223> n = A,T,C or G

<400> 7054  
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agcatggaaa acctctggga ggcttactac tcctattgga acaatgatat cctcgccaca 120  
ggaattatca ccttcacgcg ccatgaacta atttacttcg gccgctgcct cccatggatc 180

atcgcggaag	caatgccagg	tactttcaac	cgatggagga	tacaagatca	caaagcacca	240
ccctcagtag	ccacccaatg	ggactgcact	aagtatatac	tcgccatcca	cttcacgtc	300
gaacttcctc	tcattgtcct	ctttcacccc	atgatggacc	tctggggcct	caaatatgct	360
tcccccttcc	cagacctcaa	aactctagcc	gccccacttg	ccatcttctt	cattgttgaa	420
gacacctacc	actactggtt	acaccgtgct	ttccattggg	gccctctcta	ccgctccatc	480
caccgcatcc	accaccaata	cgcgactcct	ttcgggtctca	cggccgaata	cgccagcccc	540
tgggaaaccc	tcctactcgg	tcttggcacg	atcgcccccac	cactcgtcct	gggctatttc	600
acagagaacg	tccatctgat	caccgtgttg	gtatggatgg	gtctgcgcca	agtacaggct	660
atcgactcgc	actcgggata	tgatttcccc	tggagcttga	gacggatcat	gccgttctgg	720
ggcggagctg	actggcatga	tgatcatcat	cgntactttg	tgggtaanta	ctcgagctcg	780
ttccgctatt	gggatatctt	gatgggtac				809

<210> 7055

<211> 919

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(919)

<223> n = A,T,C or G

<400> 7055

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ccctaccatg	tcctacaaat	tcattcccga	tgcttacgct	agcaccgccg	cccccgagac	120
gttctccgtc	ctgctgtctc	agcgacgtcg	ctggatcaac	tccactgtcc	ataacttggt	180
ggaaactcgt	gctctgaaag	acctctgcgg	cttctgctgc	ttcagtatgc	gctttgtcgt	240
attggtcgat	cttcttgga	ctatcatcct	cccagctacc	tgctgtact	tgggttacct	300
aatctacagt	gttgccagtg	gtgggccaat	tccaatcata	tctatcgcca	tcttggctgg	360
tgtgtacggc	ctccaggcga	ttatctttat	tgtgaagcgg	cagtggcagc	atattggttg	420
gatgatcatt	tatatctgtg	cctatccgat	ctatagtctt	gttctgccga	tgtattcctt	480
ctggaaacag	gacgacttca	gctggggtaa	cactcgtggt	gttcttgagg	agaagggaaa	540
taagcgagtt	gttgacagtag	aagatgaacc	attcgaccct	cgcagtattc	ctctccagcg	600
ctgggacgat	tacgctcttg	ccaataatct	gcctggccgc	cgtggagatt	ataacatgag	660
ccaggagaaa	ttctacggag	gtcaatatgg	agatatgggc	atggagatgg	atgatatgca	720
ttccagtagt	tcctcgggtc	agcctgcctc	cacaatctta	accggatttc	caggagcagg	780
ccggaatggg	agtccttaca	tgccgcgcga	gtcgcgcgc	cccgtcgggt	gaaatacccc	840
angcaacagg	cattcgcacc	tgtncagctt	tagtcggtag	accgatatgc	cgctcagcca	900
gggcaccagt	ctcgaaacc					919

<210> 7056

<211> 598

<212> DNA

<213> *Aspergillus oryzae*

<400> 7056

cgagggcccg	ttgggacggg	gttttctaca	ggcacaccta	ctgctaccac	tgaagaggag	60
acgtccaggg	actttattaa	tttctttaag	aactttcaag	acatcttttg	aatcaagaaa	120
ttcaagattt	acgtgaccgg	tcagagctat	gctgggcgtt	atgtgccgta	cattgctgcg	180
gcaatgctgg	atcaaaatga	caaggactat	tatgacgtct	atggggcact	ggtttacgac	240
ccagtcattg	gccaatgtga	ctatgtggga	caacaagtgg	ctgctgtgcc	aactgtgcag	300
gagaacgcta	acatcttcaa	ctttaatgca	agctttatga	atcaactaca	aagtcttcac	360
aaatcgtgtg	gttatcagga	ctttatagac	gaatatctta	ctttccctcc	atcgggggtc	420
cagcctccga	agtcttttga	ccctaccagc	gacgtgatt	gtaatatcta	taacatgatc	480
acggatgcag	cttatcgagt	caacccttgc	tacaacgtgt	acgccatcaa	ccagaagtgt	540
ccctttctgt	gggattgttc	ttggagggcc	cacgaaactg	cactacctac	ccgccggt	598

<210> 7057

<211> 547

<212> DNA



tggcggtgcc agcttgaagc ctgctttcgn tgatatcatc aatgctcgtt tgtaagcaaa	720
ccgatggtgc tt	732

<210> 7060  
 <211> 863  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7060	
caacctcacc gttcgcagga agtgcagcaa ggtcacctcc aactctcaaa atggcccgcc	60
gtccccgtcg ttgctaccgc tactgcaaga acaagcccta cccaagtcg cggttcaacc	120
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gtaccgttgc ccgtgtgaac atcggccaga tcatcctgtc cgtccgcacc cgtgactcca	480
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tccgcaacga gggcaagctc aagcaggacg gtgcctacgt ccagttcctc cgtggccacg	660
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aatgagcttt agcgttagga cccataaaaag acatgaattt ttattatatt cctccgggta	780
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<210> 7061  
 <211> 941  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7061	
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gcattggcca ggacatccag cccaagcgca acctcggccg cttcgttaag tggcccgagt	180
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acaagtaccg ccctgagacc aaggccgaga agaaggagcg tctccacgct gaggctaccg	360
ccgttgccga gggcaagaag aaggaggatg tctccaagaa gccctaccac gtcaagtacg	420
gtcttaacca cgttggtggc ctcgttgaga acaagaaggc ttcccttctg ctcatcgccc	480
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ctgctgtcct cgctctgact gaggtccgct ctgaggacca gagtgagttc tccaagctcc	660
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<210> 7062  
 <211> 662  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> n = A,T,C or G

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tggtgttggg	aagtccaacc	ttctgagtcg	tttcacccgc	aatgaattca	acctggactc	240
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taatgttaac	cgggtggttg	aagagctcag	agatcacgca	gattctaaca	ttgtcatcat	480
gcttngnggg	aaatangagc	gatttgagac	acctgcgcgc	tgtgccaccc	gangaangcn	540
agcagtttgc	cagcgagaac	aacctctct	tcacgagac	atctgctctt	gatgcgagca	600
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tt						662

<210> 7063

<211> 722

<212> DNA

<213> *Aspergillus oryzae*

<400> 7063

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atgggtctgt	ctttgcctgg	ctcctcttcc	accccgcta	catctccatc	aaaaatgcga	180
gagtgtgtca	aggtggcgga	agcgattaaa	gtttgcatgg	agaagaatat	aagaccgcgt	240
gatcttttga	ctaagcggtc	attcgaaaat	gccctcgtca	tgacgatggc	tcttggagga	300
agcaccaacg	gtgtgctcca	cttccttgcc	atggctcgga	cagctggcgt	ggaacttact	360
ttagatgata	ttcaaagggt	cagtaacaag	atccattca	ttgctgacct	ttccccagt	420
ggaaaatact	acatggcgga	cttgtacgat	attggcgggg	taccgtctgt	ccaaaagctg	480
ttgattgcag	ggggcctgct	tgatggcgat	attccaacag	ttaccggaaa	gactctggcc	540
gagaacgtgg	catcattccc	atcgttaccg	gacgatcagg	ttattattcg	tcctttggac	600
aacctatta	aggcgactgg	ccaccttcag	atcctccgtg	gaaacctagc	ccccggaggc	660
gctgtggcca	agatcaccgg	gcaggagggg	cactaaatta	taggaaaagc	acgagtgttt	720
ga						722

<210> 7064

<211> 780

<212> DNA

<213> *Aspergillus oryzae*

<400> 7064

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ctgttgaatc	atatcataaa	ggcctaaaa	caaccgaacg	ccttgcaagg	gtacttaacc	180
cagttgagta	acgatagcag	aaaatcaaac	cagacattag	tttccaccac	ggaaaccag	240
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tgccagtgg	cgtttttaacg	aagatctgca	taccaccacg	aagacggagg	accaagtgca	480
atgtagactc	tttctggatg	ttgtaatcgg	acaaagtgcg	gccatcttcg	agctgcttgc	540
cggcgaaaat	gagacgctgc	tggtcaggag	gaattccctc	tttatcttga	atctttgact	600
tcacattatc	gatcgtgtcg	gatgattcaa	cctccagcgt	aattgtcttt	ccggtgagag	660
tcttgacgaa	gatctgcatg	atgacgacgg	tgaaagtatt	tcagttgtat	agaaggtagt	720
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<210> 7065

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 7065

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cgtcattggc	accaagcggg	cacctatcta	cgccgacggg	gaggacaaat	catcttccaa	180
ggcggtgatc	gccgaccacc	agtatgacgg	acagcgctcg	acgatgtttg	acgctacctt	240
catccctggc	gggtccgcacg	tcgaaagcct	caaggccaat	ggccagatcc	ggtactggat	300
cattgagaca	ttcgggtcatc	tcaaggctct	gggcgccact	ggtgaagcgg	cggctttcat	360
caagggaagc	ctggggtccg	cgcttgatgt	gaaggctcgt	acgtctgata	acccccagcc	420
ggttgagtgg	tatgggtgtg	tcacggctgg	aaagatccac	aaacctgaga	gcttcaaggg	480
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tcagcatcgg	aactacaagc	gtgaactgga	tggccctcgc	tccacagggt	cattctaaat	600
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<210> 7066

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 7066

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ccgtttcaca	cacccccctc	cttccaatct	taattccttt	gtcactccga	cattcgtccc	180
ttttagactc	gacaagatga	gagaagttat	tagtttgaac	gttggtcagg	ctgggtgcca	240
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cgaccaggtc	ctcgacaagg	ttcgccgtgt	ggccgacaac	tgcgctggtc	tccagggtct	600
tctcgtcttc	cactctttcg	gtgggtggtac	tggttccggg	ttcg		644

<210> 7067

<211> 701

<212> DNA

<213> *Aspergillus oryzae*

<400> 7067

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actcgccatg	ctaccaagct	ggctcagtct	tcgcgcctat	tggctcagta	tacctctcgc	180
agatcttatg	cgacggcgga	acccgatctg	aagtccgccc	tcaaggcggg	catccccgcc	240
aaacgtgaac	tcttcagca	ggtgaaacaa	caggggtgacg	atgtgattgg	tgagggtcaaa	300
ggttgccaatg	tcattgggtg	tatgcgtggg	ctcaagtcga	tgctctggga	gggctcggtc	360
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atgacacagc	tgtcgatcgc	cgtcgctgct	ctgaacactg	agtcgcagtt	cgccaaggcc	660
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<210> 7068

<211> 648

<212> DNA

<213> *Aspergillus oryzae*

<400> 7068

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ggtgtccttc	aatgacgatg	agttcgctga	aaacatgtgt	gtccgtgaag	atggcagtg	180
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cagtgatcgc	ctcagtctgg	ctattaccaa	gctcgatgag	gagttacaga	agaccaggtt	360
atgggacaat	gttgaactcc	gccgctcggg	ccttgatgac	gctttgccca	agctacttct	420

gaacaagatt	gggctcgaca	caatcttgca	gcgagttccc	tgagaactat	ctccggggcca	480
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tctccctcct	tgacctcatg	accaatcgac	tttccaaggc	tatggcaaaa	catgctttca	600
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<210> 7069

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<400> 7069

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gcggggcctg	ttatcaacga	ctatggctcg	gggattatta	gcaagttggt	cattgtcaaa	180
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tggccttaaa	accacaatta	tcccccgcg	ggagaaataa	tgaccacccc	cacctgaga	660
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<210> 7070

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 7070

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cgataccacc	caggtccaga	atatatcatc	agtgcattgt	tgtggccgat	catacgttct	240
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cagcaacctg	tgtatgatac	tagaaacggg	ggacactatg	gtgccagcgc	agcgctttct	360
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<210> 7071

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 7071

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aagagatacg	cccacccgat	tncccatcct	gacgatagag	acattgtgcg	cgcacattcc	660
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<210> 7072

<211> 1029

<212> DNA

<213> *Aspergillus oryzae*

<400> 7072

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<210> 7073

<211> 569

<212> DNA

<213> *Aspergillus oryzae*

<400> 7073

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<210> 7074

<211> 671

<212> DNA

<213> *Aspergillus oryzae*

<220>



<221> misc\_feature  
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 <223> n = A,T,C or G

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<210> 7075  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

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cccaagatct tcaactacag cccatcgacc ttccttggcc tgaccggcct ggcgaccgac    300
gtctcgaccg tctcagatct cttccgctac aagggttaaca tgtaccgctt gcgtgaggaa    360
cggaacattg caccocagac cttggccaac ctggctcagtt catcactgta cgagaggaga    420
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gggacagcta gtgaccagct gtttggtacc tgtgagagct tatgggagcc ggatctggcc    600
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<210> 7076  
 <211> 999  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(999)  
 <223> n = A,T,C or G

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cgtggagaag atccagcagg acatccggga cttcaaggcc cagcacggtc tggacaaggc    180
gattgtcatg tggactgcca acaccgagcg gtacgcgcag atcgcccccg gtgtcaatga    240
taccgcccac aacctcctca actcgatcaa gactggccat gaggaagttg ccccgccac    300
tgtctttgcc gtcgcctgta tcttgagaaa cactcctttc atcaacgggt cgccccagaa    360
caccttcgct cccggcgccc ttgagctggc cgagaagcac aaggccttca tcggtggaga    420
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cgacttcaag	tcgggccaga	ccaagatgaa	gtcggctctc	gtggacttcc	tcatcaatgc	480
tggtatcaag	cttacttaca	tctgcggtct	actccacctg	tgcagacaga	ccctgagaac	540
ctgagctccc	acaagcattt	ccgctgcaac	gaaatgacca	agtccaacca	tgtgtatgac	600
atggatgggg	tcaacctcat	cctgtacaat	aaggatgagc	attcggacca	caccgctgtg	660
aataagtaca	taccggccgc	tggtgacaac	atgcgtgctc	tggtatgaata	ctactcccag	720
atcttcatgg	gcgggaaaca	gaccatcagc	ttgntcaaca	tatgccatga	ctccttgctg	780
ggtttccgta	tgattattaa	attggatgag	cttgccgaga	atattacttg	cgttaactgg	840
aaagatgagg	aagggtggcg	ctacaaaggc	ttcaaccagt	ggtcactacc	ttagctacat	900
gtccaaggct	actttgctgt	ctggggccacc	cccgggtgcg	tcgagttagc	aaatcaagct	960
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<210> 7077

<211> 894

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(894)

<223> n = A,T,C or G

<400> 7077

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cggttacaat	gattcgccag	ccattgcttg	cagcgctcag	gacggccgtg	cttcgcaagg	180
atgttgacac	ccaagctact	gttatgacat	tgcttctgcg	caactacttg	tccacgtctc	240
atatctcaca	agcagatctg	cttatctctc	acaaccgctt	cccgcagtcc	gcatctaaca	300
atcagattgc	ccggtacttg	tactacttgg	gccgtatccg	tgctatccaa	ttacagtata	360
ctgatgctca	cggacacctg	atcgggtgcta	ctcgcaagtc	accctccagc	cacagtgcgc	420
gtggatttta	tcaatcctct	cataagttgc	tcgtgggtgt	agagcttctt	atgggagaca	480
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tcnccgaccg	tggtgatagag	gccactcttg	accatgagcg	nagatttatg	aagagtaagg	840
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<210> 7078

<211> 974

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(974)

<223> n = A,T,C or G

<400> 7078

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gccaaaggata	tacttatctt	tgcgattggg	ggtcagtcgg	tgccatcatg	tttgaatgtc	180
ttgtgggatg	gccacctttc	tgtgccgaag	acaccaccga	tacctaccgg	aagatcgtga	240
actggaggga	gtgtctctac	ttccctgaag	agcttactct	ttcccgcgaa	tccgagggct	300
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tcaatgcctt	ccagaacaac	tgagaatcgc	actgatactc	gagatgatcg	atgtatgcag	660



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gcacgcccc	ctgaacgtca	ctttttcaag	ttgttccaac	gagaacgtct	acgtttgcgg	600
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<210> 7082

<211> 1229

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(1229)

<223> n = A,T,C or G

<400> 7082

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ctattccgac	tgctgtcctt	aaaaatgta	tcctgcaatc	tgctctgaag	ccttcatacg	180
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ctgccaaagt	tgaggatgaa	ctgaagcatg	acaaggcttc	tggtccttgag	gacctggatt	300
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ccggtgacca	ggagggtcgtg	ttgacgaaga	agttcggtaa	cgaggagatt	cgctcacct	420
ttaccgttgc	ggaccttcag	aacctgagcg	aacaagagga	attcgacgac	caggctttga	480
gtgacgagct	ggattttgag	ggcggccacc	agcccgcata	ccggggtgcc	tctggcaacg	540
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cgtaacttcc	tgatcatgta	gcttgacgtc	tgtccatgca	agtcgcctat	gacaatatct	1140
gctaggcagt	gtgcacgtgt	atcaatatag	aaacgaattt	agcatctaca	tgtattatat	1200
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<210> 7083

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<400> 7083

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ccaaccttcc	caaccagcgt	cacaagattg	tcgctaagcg	gggtgcggct	ttcactatta	180
tggttgctgg	agagtctggc	ttgggaaaga	ccacgtttat	caacaccttg	ttctcgacga	240
ccatcaagaa	ctatgccgac	cacaagcgtc	gtcaccagaa	gcagattgac	cgaactgttg	300
agatcgagat	cactaaggcc	gaattggagg	agaagttctt	caaagttcgc	ctgaccgtca	360
tcgatacccc	cggattcgga	gactacgtca	acaaccgcga	ttcctggcaa	cccatcattg	420
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ataagatcga	tatgcgtgtg	catgcctgtc	tgtattttat	cagaccacc	ggtcacactc	540
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tcattggtta	aagccgacac	ccttcagccc	ggcgatctgg	ctcgatacag	gcagagagtt	660

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715

<210> 7084

<211> 675

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 7084

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tcagaccaag	gtcgtctgta	ccaagtcgaa	tatgccttca	aagccatcac	ctcagctaac	180
ataacctcgt	tgggtgtgag	gggaaagaac	tgtgctgtgg	tgttgtctca	gaagaaagtc	240
gctgataaac	tgattgatcc	atcctctgtt	tcacatatct	tccggtcttc	tccctctgtt	300
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gctatgaccc	tgatctctgt	cgactcagag	aatggcccac	aggtctacaa	atgcgacccc	540
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<210> 7085

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 7085

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aagtccaaga	tccaggacaa	ggagggaatc	ccccctgacc	agcagcgtct	gatcttcgct	180
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ttaccggtga	tgcatcacgag	tttatctaag	gcaatttcgg	tggatttaga	ttggtggata	600
ttaggttgag	gagcatgggt	taccatagtc	cgataggagc	cttgaaaatg	aaataaacat	660
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<210> 7086

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 7086

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catttcgtct	agagagcaat	cactatgggt	atcttgagca	aagtcgctgc	cgtcgcgggc	180
ggcctctcca	cggtcgcttc	tgcatgccc	acgggtccct	ctcactcccc	ccatgctcgt	240
cggggattca	ccatcaacca	gatcaccagg	cagactgccc	gcgtcggtcc	caagaccgcc	300
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attgagtact	tgactcctgt	caacattggc	ggcacgaccc	tgaacctcga	cttcgacact	480
ggctcggccg	atctctgggt	cttctccgag	gagctcccca	agtccgagca	gaccggccac	540

gacgtctaca agcctttctg gaaacgcctc caagatcgct ggtgccagct gggacatcag	600
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<210> 7087  
 <211> 1604  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1604)  
 <223> n = A,T,C or G

<400> 7087							
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<210> 7088  
 <211> 505  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7088							
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<210> 7089  
 <211> 694

<212> DNA  
<213> *Aspergillus oryzae*

<400> 7089  
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aagcgagaat gtctatctgc aagttttggt gaagctctat cgcttctctg cccgtcgac 180  
ggactccaac ttcaacaagg tctgtctgctg tctgtctttc atgtcgagaa ttaaccgccc 240  
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gaaaccctac gtgcgaagca agggacgcaa gtttgagagg gcccgaggaa ggagaaggtc 600  
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tgtcatgacc atggaatac atgcgcacgg cctt 694

<210> 7090  
<211> 2142  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(2142)  
<223> n = A,T,C or G

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ggtaaccaag ttggtaccgc cttctggcaa ataatctctg gcgaacatgg cctcgacgag 180  
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gaggtcggca accagaaata tgttccccgc gcggtcctcg tggacttga gcccgacag 300  
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gtggagcatt ccgacgagac attctgcac gataacgagg ccctctacga catctgcatg 720  
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agccaccatc ttagcgacta tctgtttggc ggcacttggc gccgccagcc ccttgggcag 900  
cgctcccccac gcccgaggcc tccctggaga ttcattccaa ccttgcgact gtgaatcgga 960  
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cgaatgcctc ttgaccgtca ttggacagga cgggtggattc ctgttgattg aacttgagcc 1560  
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tgtcggcact gtcacccagt ccgctgcgac cgttggcgat ctcgtctatg acttgggtga 1860  
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<221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

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<400> 7093
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aaaaggatca caaccgaaag cccagcagtt tgcggtctat catcgcgggc tcgactgcag      120
gtgccattga aatcgcaatc acttatccgg ctgaatttgc aaaaactcgg tcgcaactca      180
atcgcaaatt accggacggg aaaaagctgc catggcctcc gtttggaag cagtggtag      240
ccggctgcac gactttaatt ataggaaatt cgctcaaggc aggcacccgg ttcgtcgctt      300
tcgacagggt caagtcactt cttcaggatg agaatggcaa gatctcgggt ccaagaacgg      360
taattgctgg ctttggggct ggcttcactg aatctctttt agcagtgcac ccattcgaaa      420
gcattaaaac ccaattgatt gacgatcgca aatccgctaa cctcgtatg cgaggattct      480
tgcacggtag taaactgata ttccaggagc gaggtattcg aggttttttc cagggtttcg      540
ttcctacaac agcaagacaa gccgccaact ccgcgaccag attctcaagc tatactatgc      600
taaagcaact agctgaaagc tatgttgac ctaggagagaa actgggaacc gcgagcacct      660
tcgccatcgg cggtagggca ggctttataa cagtatatgt cacacaacct ctngatan      718
```

<210> 7094  
 <211> 692  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(692)  
 <223> n = A,T,C or G

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<400> 7094
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aggagcatgg aatttatgta caagccatca actacccaac cgtgcctcgg ggtgaagagc      120
ggcttcgtat cagccccacc ccgggacata tcaaggagca ccgcgaccac ctggtgcaag      180
ccgtccaaac agtctggaac gaactgggca tcaaacgcac cagcgattgg gaagcgcaag      240
gcggcttcgt cggcggtggg gtcgatggcg ccgaggctga gaaccagccg atttggaatg      300
atgtgcagct ggggctgaag gaaaacgaag ccattgaggc tgctgtggaa cgcgagtttg      360
ccgaggcccc catgcggaac gccaccgcgc ctgccgcggc tgctgcttcg tcaatcccgg      420
tgggtgtggc tgccgaagt ggctgcccgc atgtgagctg aaatcgacgt ggaattctat      480
acacacacac acacacacac acacacacac acacacacac acacacacac acacacacac      540
acacacactc taacacacac tgtgttataa ataacatata cacttctacg tcccgttgat      600
gacngtaagg gttatagaga ctattagcta caagcatgca gtcgatacca tcaaggatgg      660
gggccaataa tgattggaca tgatgggtgg ga                                692
```

<210> 7095  
 <211> 900  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(900)  
 <223> n = A,T,C or G

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<400> 7095
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tgacaacaag aagatctcga tctgcggtga ggagagcttc ggtactggta gcaaccacat      180
ccgtgagaag gatggctctg gggccatcgt cgcttggttg aacatcatcg ctgggtgtggc      240
caaggagaag ccggaccaga cccccagcat tgcattccat cagaacgatt tctggcaggc      300
ctatggccgt actttcttca cccgctacga ctacgagaaac gttgacagcg atggtgccaa      360
caaggttatt gctatcctat ctgacaaggc cgccaacaag gacagcttcg tcggttcac      420
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cgtgtccggc	cgcaagggtca	ccgatgtggg	caacttctcc	tacaccgacc	tggacggcag	480
cgtgtccaag	aaccagggcc	tgtacgctaa	gttcgatgat	ggcagccgta	tcatcgctccg	540
tctgtccggc	accggcagca	gcggtgccac	gatccgtctg	tacattgaga	agtacgagag	600
cgacaagagc	aagtttggcc	tgactgcgtc	cgagtacctg	aaggacaacg	ttgctctcgc	660
cctctctctg	ctcaacttca	aggagtccat	cggccgcgag	gagcctgacg	tccgcactta	720
agtgacaatg	atcttgatgtt	tgtaaatatt	gtgccacaag	cgccttgagg	cgcagagtta	780
ttatgatggg	agcanaaacc	atccatggac	aggtttcttt	ctnnnnnnan	nnnnnnntnn	840
nnnnnnnnnt	nnnatntann	nnnnnnnnna	nanaannana	nnaaaaaaaaa	aaaaattctt	900

<210> 7096

<211> 758

<212> DNA

<213> *Aspergillus oryzae*

<400> 7096

tttccccctc	actgactgtg	atatatttct	tcagcctata	cctgaacgat	aatcataata	60
acctgcctct	cgactttttt	aaccacgatt	ttctctccgc	cccgccaatc	ccccctcacg	120
tgcggggtct	catcggcgtc	aagcctactg	ctttagctcg	ccgcacattt	aatttttcat	180
gattcaaggc	ggtcattcta	ttcgggcaca	atgagtttca	ctaatatgct	caacaagctg	240
tcgggacagc	ccgagagtta	tgagaaaaaa	caactgtaca	aatttgggag	aacacttggt	300
gctggaacgt	acggtattgt	ccgtgaggca	gattgcagcc	gtgggaaagt	tgctgttaaa	360
attattctga	agaaaaatgt	ccgaggcaac	gagcagatgg	tttacgatga	gttgaggatg	420
ctgcaagccc	ttgaccaccc	aaacatcgtc	cattttgtcg	attggttcga	atctaaggac	480
aaattctaca	ttgtcactca	actagccacc	ggtggtgaaac	tgttcgacag	aatttgcgac	540
tatggaaagt	ttacggagaa	ggatgcatct	caaactatcc	ggcaagtgct	agacgcagtc	600
aattatctgc	atgaacggaa	tattgtacac	cgagacttga	aacccggaaa	ctgcttacct	660
tactcgtgac	ccatcctcgc	ctttggttct	agccgacttt	ggcattggcc	aaaatgttgg	720
acagtcccag	tgaacgatcg	cctacatgga	tggggcat			758

<210> 7097

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<400> 7097

agacctatgc	gctgctagct	tctttgcagc	agcgttatgg	acagaggcta	ctacgctggg	60
ggtcgagtgc	tctcaagagt	catgagtgtg	acttgcgatg	cgccgtcttt	cttcgaagct	120
cttcggcagg	gtgctgaggt	ctacaaaaaa	ctcaagactc	tcaccgaggc	cattgagcat	180
gccggttaca	ctggcaagat	gaagattggc	atggacgttg	cttcacgcca	attctacaag	240
gctgatgtca	agaagtacga	ccttgacttc	aagaaccccg	acagcgactc	ctccaagtgg	300
ctcacctacg	agcaactggc	cgacctttac	aagactcttg	ccagcaagta	ccccattgtc	360
agcattgagg	accccttcgc	tgaggatgac	tgggagccct	ggagctactt	ctacaagact	420
tctgacttcc	acattgttgg	tgatgactag	accgtcacca	accccttgcg	tatcatgaag	480
gccgtctaga	ccaaagcttg	caacgccccct	ctgctcaagg	tcgacaaaaa	tagtactctt	540
accgaggcca	tccaggtctg	caaggacgtc	tacgctgaca	acaggggtgg	tatggtttcc	600
caccgttccc	gcgagactga	cgatgtcacc	attgccgata	tcgcttgtgg	gctccgctct	660
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<210> 7098

<211> 777

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 7098

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------------	------------	-------------	------------	------------	------------	----

gtcgaccgtc	cttcgaacat	aatccgcca	gatgggtaag	ggacagcctc	gtggtcttaa	120
cgccgcgcgc	aagctcgcga	acaccgcgcg	tgagaaccgt	tgggcccgatc	ttcactacaa	180
gaagcgtctg	ctcgggtaccg	cctacaagtc	ctctcccttc	ggtgggtgctt	cccacgcca	240
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gtgtgtcaag	gtccagttga	tcaagaacgg	caagaaggtc	gctgctttcg	tccccaacga	360
cggttgccct	aacttcatcg	acgagaacga	cgaggttctc	cttgccgggt	tcggtcgtaa	420
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ctccctgctc	gccctctgga	aggagaagaa	ggagaagccc	cgttcttaga	gaattgcgcg	540
aacgaacgat	tgcagcggga	acgatgggaa	agggcccatt	ccatggaaca	ttggaagatt	600
actacgatgg	gatctatctt	cagtctatgg	tctgggtctgg	aaattatggg	tcaggacgga	660
tgaccctgca	aataaattgc	agctactacg	attgatatac	ttataaaaaga	tggcgccatg	720
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<210> 7099

<211> 1697

<212> DNA

<213> *Aspergillus oryzae*

<400> 7099

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tcccgcgcgtg	tattacaagg	agtctaacc	ggcgcttgat	gaaggtctca	aatatgacat	180
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cttcccggat	tgggtccacc	ctgactctca	gcagtactgg	agtgagcagt	tcctggcctt	300
cttcgacgga	accaatggcc	cagacattga	tgctctatgg	atcgacatga	acgagcccgc	360
aaacttctac	aaccacccat	accctggcaa	caacaccacc	cccgagaact	tcgcccagggt	420
ggatgggtgac	cctcccgcgg	cgccagcagt	cagagacggc	cccgatgctc	ctatccctgg	480
attcccggcc	agccttcaac	caaactgggt	tcagggcaac	gcgactgaaa	agcgtcaac	540
tgctgctgtt	gtcaaacgtc	aacgctcgca	gtcccgcgcg	aacctcggcg	ccgggtcactg	600
gaagtcccc	aagggaaggt	tcgacgcgcg	tgctggctgg	caacacggca	aacagaccgg	660
ttctgggtgt	ggccccaacg	agtgaagggt	tcttcccac	cgatcatctca	tcaggccgcc	720
gtacatgatc	cagaacggcg	ccgggtcccac	gcttgccgac	agcactgccg	acacggatct	780
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cagcacaagc	gtcaccttct	acctcccga	cgacatcttc	tacgaatggg	gcaccggcaa	1440
gcccgtccgc	ggccaggggtg	aatacgtctc	cctcgataac	atcgactaca	cggacatcac	1500
catccactac	aagggtggta	tcgtctatcc	ccagcgtatc	gagagcgcaa	acaccaccac	1560
cgctttacgg	cagaagggtt	tcaacattgt	tgttgccgcg	ggcttggatg	gccgtgctga	1620
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ctttgtctat	gagaatg					1697

<210> 7100

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(690)

<223> n = A,T,C or G

<400> 7100

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aaagatagca	agcacaagaa	catagtcaat	ttcttggaca	gttatcttca	tggtctggac	180
ctctgggtgg	tgatggaata	tatggaaggt	ggcagtcctta	ccgatgtggt	cactttcaat	240
atcatgagcg	aagggcagat	tgctgccgtc	tgcagagaaa	ctcttaatgg	cctacaacac	300
cttcattcca	aagggtgtaat	ccatcgtgat	atcaagtcag	acaacattct	cctctcattg	360
gatggcaata	taaaattgac	cgattttgga	ttctgcccc	aaatcaacga	ctcgacaat	420
aagcgaaaca	cgatggtcgg	caccccgta	tggatggctc	cggaagtcgt	tacgagaaaa	480
gagtatggtc	gtaaagttga	catttggagt	ttggggatta	tggctatcga	gatgattgag	540
ggcgagcctc	catatctcac	cgagtcacct	ctgccccgc	tgtacttgat	cgcaacgaat	600
ggganctcca	cgatcaagga	tgagcagagc	ttgacaccgg	ttttccgaga	cttcttgcat	660
ctngcattga	aggtcgatcc	tganaagagn				690

<210> 7101

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 7101

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gacagattag	aagttacgaa	agagaacctg	aagaagatgt	tcgcctacag	caagtacaag	180
ctgcattata	ttgataaact	ggtgaccgga	gaaaagagca	ctgtttatag	atgcgggtacc	240
ttggtcgacc	tttgagagg	acccacatt	caaaacactg	gcaagattaa	gaccttcaag	300
atcatgcaga	actcctctgc	ttacttcctt	ggcgaccaa	gtaatgactc	tctgcagcgt	360
atccgtgggtg	tcgccttccc	cgacaagaag	caaatgcaag	aacatttgaa	gttcctggag	420
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gaagtctccc	cgggatgccc	attcttgcctc	cccaacggtg	ctaagatctt	taatgctctt	540
cagaacctt	tcgggtcaga	gtatcgtaag	cgtggctacc	aggaagttca	gacgcctaac	600
atgtacgatg	ttggcatttg	gaagattttg	gacactgggc	ttactacaaa	ggtgaca	657

<210> 7102

<211> 705

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 7102

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atgctccgcc	gccgtctttt	ttacaccccc	tccttcgaga	tctatggagg	ggtatctggt	180
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gagattctta	aaactagcgg	acacgtcgag	aaatttgccg	actggatgtg	caaggacccc	360
aaaaccggcg	agatctttcg	tgcggatcac	ctagtagaag	aagttcttga	ggctcgcttg	420
aaaggcgaca	aggaagcgcg	tggccagaat	gttgctcgtg	acgaaaagaa	tgaggccaag	480
aagaagaaaa	aggctaata	gaccaaggct	gtccgattag	acgatgctgt	tgtcaaggag	540
tatgatggaa	acttaacgca	aattgacaac	tactaaggcc	cggagctgga	acaaatattc	600
ccaagttcga	tatcagatat	ccgacgaccg	atggcaatct	ttttcctccc	gttgggttca	660
cctaattgttc	cagacttcaa	tcggtcctag	cagccatatt	gctcn		705

<210> 7103

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 7103  
cgagaatccc catgcttcga atgtccggag aagaatcgga aagctccgtg actatgtgtc 60  
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tgtaatccgc gaaattgagg tcgagtcoga ggcgattgaa gatctcgtct tcatcgcacg 180  
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cttgatgcgc ctcttgggcg gtaaggcgga tgttattcga ggtttctcta aacgttgcaa 300  
cgaacagtac tcagtaacac cgcgtggtga cattggcctt tacctgggag atattcaaga 360  
tcatgtagtg accatgatgt ctaacctggc tcatTTTTgag aagatgctca gcagatcaca 420  
caccaactat cttgcgcagc tgaacgtcac aaacctagtt ttgggcaacc acgtcaacaa 480  
gatcctcagc aagggtgactc tcattgccac catgttagtt cctatgaacc ttatctgtgg 540  
tctattcggg atgaatgtca cagtccttgg tcagggccag gaaggccttg cgtgggtttt 600  
tggcatcgtc ggtgtgattg cggcggtagt cattattagc ggtattgctg ctcgctgcta 660  
caagcttgta taagatttaa atgtgggt 688

<210> 7104

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 7104  
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tatgctgcca aggttgacgc gtacgctcgt gatgataaga aactcgagat ccgttttagat 120  
aaggaggctg aggatcatgc ggtctacatt gacacaagca agcccggcat cacgtcggtc 180  
gacggccctc ggtatgagca gagaattgag aagaaatacg taaacggatc cacacctagt 240  
aacagctatc gggttgagac tttccgttcg ccaacaccaa ttcttgggga cgatggccag 300  
caactccggt gctactttgt ttacaagtgc cagttcgtca accctaaccg ggggtccgaat 360  
gaaacaaaaca ttgatattat cgggtgaaaag agattcttgc aaaaggcaac ggaaaatact 420  
aaggccatct atcaagaaat tatcacgaat gccgttaatc gatcaggctc tgtcattgaa 480  
atgttcgaaa tcgagaagag tcgcgaaaaa aggttgggtc tcgcttatcg ccagggctct 540  
gctatgggtc tattcagtcg actctctgat ctttaccact actaccgcct gacaagctcc 600  
cgtaatatTT tgagaacttt tctaacggca ttacggtctt atttttagcat ttataaacia 660  
cagcttcgtt gattggcttc tcgttgctgc a 691

<210> 7105

<211> 743

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 7105  
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gacctgatcg acgtggacat cccacctact cgtgctgatg tcctccacca ggccgatatc 120  
atggaagatg tcgccattgc ttacggcttc aataacctcc cacggtcctt cccaagcaag 180  
tctggtacca tcgccagcc cttacctatc aacaagctct cggacatcgt ccgaactgag 240  
gctgcaatgg cgggctggtc tgagggtcttg cctctcatcc tgtgtctcca tgacgagaac 300  
ttcgctggc tcaaccgcaa ggacgatggc aacactgctg ttaagctggc caatcccaag 360  
acactggagt tccaggctgt ccgcacaagc ctctgcctg gtcttctgaa gaccattcgg 420  
gaaaacaagc accacagcgt tcccatgaag atcttcgagg tcagcgacgt agcgttcaag 480  
gacctttcgc tcgagcgtaa gagccggaac gagagacact ttgccgccgc atggatggc 540  
aagaacagtg gtttcgaagt agtccacggc cttctggacc gcgtcatggc catgctcaag 600  
agtgcgttca tcaccgggtg ggagggtctc gagaaacccc gtatgagcga ctctcagtac 660  
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gaatcggcgg caggagcacg tca 743

<210> 7106

<211> 679

<212> DNA  
<213> Aspergillus oryzae

<400> 7106  
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 gctcgtctctt gagacgatcg acctggacaa ggacccgtac ttctttaaga accatgtagg 120  
 aagctttgag tgccgtctgt gtttgacggt tcaccaaacc gatggctctt acctcgccca 180  
 tacccaaggc cgcaagcatc agacgaacct ggctagacgt gccgcgaggg agcagagaga 240  
 aggaaagaat caagatccgt cgacgctgcc ggggtgcgatg ggcgttcaag ttaagaagca 300  
 gacaatcaag attggtcgac cgggtttacaa gatcacgaag atcagggatc cattgacgcg 360  
 acagctgggt ttgctgtttc agctgcagta tcaggagatt acaccgggtg ttcagcctcg 420  
 agtacggttt atgtcggcat ttgagcagaa ggttgatgac cccccagaca agaacttcca 480  
 gtatctgttc gtagctgcgg agccatatca gacgtgtggt ttcaagcttc aggctcggga 540  
 gattgaccgc agggatgggt gctactggac ttgtttcgac gaagatagca aggaattctg 600  
 gggttcagatc atgttcaaaa ccgatccaaa ggatggttta ttggggggcc ggggtttggcc 660  
 ccaatggcac ccatggtgt 679

<210> 7107  
 <211> 940  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7107  
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 gacgatgagc gcaagctccg tcccttcatg gagaagcgca tgggaaccga agttgtcggc 180  
 gactccctcg gtgatgagtt caagggttac cttttcaaga tcaccggtgg taacgacaag 240  
 caagggtttcc ccatgaagca ggggtgttctc cttcccaccc gtaccggtct cctcctcgcc 300  
 gatggccaca gctgctaccg ccccgccgc accggtgagc gtaagcgcaa gtctgtccgt 360  
 ggtgccatca ccggtttcga tctcgccgtc ctggccctga gcatcgtaa gcagggtgag 420  
 ggtgagctgc ccggtctcac cgacactgtc gtcccaaaga gactcggcc caagcgtgcc 480  
 accaagatcc gccgtttctt cgggtctcgac aagaaggacg acgtccgcaa gttcgtcatc 540  
 cgccgtaccg tcaccaagga gggcaagccc gactacacca agggcccca gatccagct 600  
 ctggttaccg cccagcgtct ccagcgcaag cgtcacagga tcgccatcaa gcgccgccgc 660  
 tctgaaggctg ctgcgagggc tgctaacgac tacgctaagc tccttgccaa ccgtgtccac 720  
 gaggagaagg ccaagcgtga tgagctccgc aagcggaggg cctcttctat gaggaagtaa 780  
 atgcatcttc ttgggggtta atggtcgggt tacgtctcta ttatggctag ggaaaaatct 840  
 tagcggacga ggaaaggggg ctatcgaggt gcaaagcagg ggtgtaacct aagagaagag 900  
 aatatatttc ttggggggcat gcgtctgcgg gaccgatgct 940

<210> 7108  
 <211> 656  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7108  
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 tgctcccgtc caccagttca aggtcgccga catctccctg gccgccttcg gtcgccgcga 120  
 gatcgagctc gccgagattg agatgcccgg tctgatggcc atccgtcgca gatacgccgc 180  
 tgaccagctt ctgcgcggtg cccgcattgc tggctgtctt cacatgacca tccagactgc 240  
 tgtcctcatt gagacctcg ttgcccttgg tgcgtaggtt acctggacca gctgcaacat 300  
 cttctccacc caggaccacg ccgcgctgc catcgccgt gccgggtgtc ctgtcttcgc 360  
 ctggaagggt gagaccgatg aggagtacaa ctgggtgctg gagcagcagc tctctgcctt 420  
 caaggatggc aagaagctca acctcatcct cgatgacggt ggtgacctca cctccctcgt 480  
 ccacgagaag taccctgagc agctcaagga ctgctacggt ctctccgagg agaccaccac 540  
 tgggtgtccac cacctctaca agatgatgaa agagaacaag ctctcgtcc ccgccatcaa 600  
 cgtcaacgac tccgtcacca agtccaagtt cgacaacctc tacgggtgcc gtgagt 656

<210> 7109  
 <211> 627

<212> DNA  
 <213> *Aspergillus oryzae*

<400> 7109  
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 ttacttttgac gtggaatatg acggcaagac tggccgtatc aacttcaatc tctttgagaa 120  
 ggacgtcccc aggactgcca aaaacttccg agagctctgt accggagtcc acggttttgg 180  
 ctatgcaggc tctggattcc accgtgtgat ccctcaattc atgctccagg gtggtgactt 240  
 taccaaccat aatggcactg gtggcaagtc catctatggt acaaaatttg aggatgagaa 300  
 cttcaagtat aagcataaca agcctgggtc cctctctatg gccaacgctg gcccacacac 360  
 caatggctct cagttcttca tcaccactgt tgtaacctcg tggcttgatg gcaagcacgt 420  
 cgtcttttgt gaggttgccg acgatgagtc aatgcgggtt gttaaggaga ttgaggccct 480  
 tggctctagc tctggtaaac ccagcaagcc gatcaaaatt gtcaaagctg gtgagctgta 540  
 aatgcaagtt tatactctcc tcaatcaggg cggatatatt catagttagc ttagctgacg 600  
 gaaattctat tggctcttatt ctctgag 627

<210> 7110  
 <211> 994  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7110  
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 cgtcttttgca attgactgca attgctttgc ccgccatgtc tctctcctcc gcttccagca 120  
 ctctgtttgcg cgttgccgc cgccaacagc tgcccacttc tcgcgctgcc atcgctcct 180  
 gccagcagcg gaggggagtc gctgatgctg ccaagtcatc cttcgagagc cctttcacca 240  
 gcgccaagga atcctcgacc tacaagatcc ctgacttcag caaatatgcc tccaagaagc 300  
 cccacgctc caaccaggtc ttctcttact tcatggccgg ttccctcggg cttgcctctg 360  
 ctggttggtgc caaggctact gttcaggact tcctggtaa catgtccgcc tctgccgatg 420  
 tcctcgctca ggctaaggtc gaaatcggcc ttgcttccat ccctgagggc aagaacgtca 480  
 tcatcaagtg gcgtggaaag cccgtcttca tccgtcaccg taccagagat gaaatcaacg 540  
 aggccaactc cattgagtgg caaactctcc gtgactctca ggccgatgag gaccgtgttc 600  
 agaagcccgga gtggcttgct atgcttggtg ttgacacca ccttggttgt gtccctatcg 660  
 gtgaatccgg tgactttggc ggtggttct gccctgcca cggttctcac tacgacatct 720  
 ccggccgtat caggaagggt cctgcccctc tgaacctga ggcttctcag tacagcttcc 780  
 ccgatgagag cactctcgtc atcggttaaa cgaatcaaac gatgccaatt cgagcgaacg 840  
 gtttatccga cggacgggaa acgacgttga aggggatgag agagtgaagg tttgtaactg 900  
 cgcttttagat gaaatctctc tgtgtcttgt caagattaag gagaccttgt ttaatatg 960  
 atcgattaga aaaactgagc ctcgtgttcc tatt 994

<210> 7111  
 <211> 1045  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(1045)  
 <223> n = A,T,C or G

<400> 7111  
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 ggaatcctcg ctggcgctccc tatcatgggt tgtcttggcg atcaatctc ggcacttgta 120  
 ggtcaaaaag ggttctcacc aggaatggca aagaacacat acggcacaag gtgtttcctc 180  
 ctttacaatg ttggcgaaaa gcctgttatt tccaaacacc gattattggc cacagtagcc 240  
 tatcattttg atggaaaacc aatgtacgct ctggagggaa acatcgcttg tgggtggcttc 300  
 ggagtcaagt tcctgcagaa caatctcgaa ttcttcaagg gaatccaaag agttaacgat 360  
 ttggccctca cgggtgganga ttacngagga tgcgtttttg ttactgcgtt cagtgggtctc 420  
 tttgcacett attggattga cgacgcaaaa ggaacctatc toggaattac acagtacacg 480  
 aaaaaaggcc acatcgccag ggccacactt gaagcgacct gcttccaaac gaaggcaatt 540

ttggacgcga	tggaaaaaga	cagcggccac	gcgctgtctg	agctggcagt	tgacggagga	600
atgagtaact	ctgatcttgc	aatgcagacc	caagcagacc	tgatctccat	tccgggtctat	660
cgccctaaga	tgcgagagac	gaccgcatta	ggtgccgcca	ttggtggccg	tctggccggt	720
gggctttggc	gaaattttgc	caaactgcgc	gatataaccg	agctggtggt	gccggctttg	780
aacctatgat	taccaggag	caaagtgccg	aatcatttgc	tctctgggaa	aaggcagtaa	840
acatgagcag	gggataggtt	gggatcgaa	tgccaccac	tgtccccgag	accaagaaaag	900
atgtttacgg	agctgttcag	ccagtataa	taccagata	gtcccaacgt	aaggccaacc	960
gaagcattct	tgccgcctaa	aagccgntag	ctaagcattt	gcaatgaact	tgacgaagct	1020
tatgaagacc	atcatgatga	cgga				1045

<210> 7112

<211> 627

<212> DNA

<213> *Aspergillus oryzae*

<400> 7112

cgaaacgcag	catcgcacag	cgctcctcctt	tcggtgttgg	ccaaagccga	tatcctcatt	60
gatccttacc	gccccggcgt	cttataacgc	ttgggtcttt	ccccatcgga	ggtccttctg	120
aagtataacc	ctcgcttgat	cggtgcgcgc	atgacgggat	tccgacgaga	cggtcaatac	180
aaggacatgg	cgggtcacga	tattaattac	atcgcggtgt	ccgggggtgct	atccatgctg	240
ggcgagcag	gtgaacctgc	ttatgccccg	ggtaatatta	ttggcgatta	cgctggcgga	300
ggcgcaatgt	gttacatggg	catattgctt	gctttgctgt	cgcgcacacg	cacaggacgc	360
ggtcaagtctg	tagaggctaa	catggtcgat	ggctctgctg	acttagcggc	gatgccgcta	420
ctgaatcggc	taacgccgct	gcggagcggg	ccctgacggc	ataacatggt	agacggaggc	480
agtccgtgct	atgacacgta	tgagacccag	gataaaggca	ggtatttcgc	cggtggagcg	540
ctggaacccc	aatccttacgc	tgcgctcctc	aagggactcg	ggttccgctt	ggaggaactt	600
tcctaagcgg	accatagcga	aaattgg				627

<210> 7113

<211> 637

<212> DNA

<213> *Aspergillus oryzae*

<400> 7113

cccaattctc	attatcacaa	ccaccaca	tgctgaacgg	aaagactttc	acgtgagca	60
atggcggttaa	gatccccggt	gtcggtttcg	gtaccttcgc	cagtgagggc	tccaagggcg	120
agacctacca	ggctgtcacc	aaggccctcg	agaccggata	ccgtcacttg	gactgtgcct	180
ggttctacct	caacgaggat	gaagtgtgtg	atggtatcca	tgacttcctc	aagaagaacc	240
cctccgtcaa	gcgggaagac	atcttcgtct	gcactaaagt	ctggaatcac	ctccaccgtc	300
ccgaagacgt	ccagtgtgct	ggtgataact	ccctgaagaa	actccgactg	gactacgttg	360
acctctttct	tgtccactgg	cccattgcct	ccgagaagga	ggaccaggaa	aaacccaaga	420
ttggccctga	cggcaagtac	gtcatcctta	aggagctcac	tgagaacccc	gagcccacat	480
ggcgcgccat	ggagaagatc	tacagggacc	gcaaggccca	agccatcggt	gtttcaactg	540
gaccattccg	ggtctcgaga	agctgttcaa	gttcggcgag	atcaagcctt	atgttaacca	600
gaatgagatc	cacccctttc	tggccaacaa	agaagt			637

<210> 7114

<211> 947

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(947)

<223> n = A,T,C or G

<400> 7114

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acaggtgcat	tcggcgctcca	taatgtctga	ccacggggaa	gtcgaggctg	aaaacactgc	180



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caagtggagc	tacgaggatg	ttgagatcag	ggatatttcc	ttgaccgact	acatccagat	300
tcgtaacccc	gtctaccttc	ctcactccgc	cggtcggtat	gccgccaagc	gtttccgcaa	360
ggctcagtg	cccatcattg	agcgctgac	caactcgctc	atgatgaacg	gccgcaacaa	420
cggaagaag	ctcatggctg	tgcgcatcgt	tgctcacgct	ttcgagatca	tccacatcat	480
gaccgaccag	aacccccctc	aggtcgcgt	tgatgccatt	gtcaactgcg	gtccccgtga	540
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cctccgtcgt	gtcaaccagt	ctattgccct	cttgaccatc	gggtcccgtg	aggcctcttt	660
ccgtaacatc	aagagcattg	ctgagtgcct	cgctgaagag	cttatcaacg	ctgccaaggg	720
aagctcgaac	tcctatgcca	tcaagaagaa	ggacgagctt	gagcgtgttg	ccaagagcaa	780
ccggtaaagg	gataatgttg	ggcgtattct	ccgtttggtc	ctgtttctat	atgtactgga	840
gtggacgggg	ggttctatag	gattcagtcg	attggcatgc	atctgcgcga	ctgtacatac	900
ctcanaacag	tcactggagg	gagcaaaatc	caaaacgaga	atgagac		947

<210> 7115

<211> 781

<212> DNA

<213> Aspergillus oryzae

<400> 7115

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actcaggacc	atgtcctcgt	ccccgagact	ctcctgaaga	agcgcaagag	ccaggagcag	120
gctcgcgctg	tcgcccgtga	ggaggctgag	aagaagaagg	ccgccagcaa	ggagaagcgt	180
gccgccatct	tcaagcgcgc	cgagtccctac	gtcaaggagt	accgcgatgc	tgagcgtgag	240
aagatccgcc	ttgcccgcgt	tgctcgcaag	gagggtaact	tctacgttcc	tgaggagccc	300
aagcttgcgt	tcgttatccg	tatcaagggt	atcaacaaga	tctctcccca	gccccgcaag	360
atcctgcagc	tcctccgtct	gctccagatc	aacaacggca	ccttcgttcg	ccttaccaag	420
gctaccagg	agatgctgac	catcatcaac	ccctacatcg	cctacggtta	ccccaacctc	480
aagagcatcc	gtgagctcat	ctacaagcgc	ggttacggaa	aggtcaacaa	gcagcgcgtt	540
gccatctccg	acaaccagat	catcgaggag	aacctcggca	agtacggcat	cgtctgtgtt	600
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<210> 7116

<211> 1014

<212> DNA

<213> Aspergillus oryzae

<400> 7116

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cacctgtctc	cggtggtctt	tccctcgtga	cgatgtccac	cagtccgtcc	aggctcaaca	120
gctggctctt	gccctccgtg	acgaagtcac	cgaccttgag	gctgctggta	tcaaggctcat	180
ccaggctgat	gagcctgccc	tccgtgaggg	tctccctctc	cgttccggca	aggagcgtga	240
ggactacctc	aagtgggctg	tccgtctcct	ccgcttgccc	accaccgggtg	tttccgatgg	300
cactcagatt	cactctcact	tctgctactc	tgagttccag	gacttcttcc	acgctattgc	360
cgctctggat	gccgatgttc	tgagcattga	gaacagcaag	tccgatgcca	agctgctcaa	420
ggctcttcatt	gacgaggcct	acccccgtca	cattggaccc	gggtgtctacg	acatccactc	480
tcctcgtgtc	cccagcgagc	aggagatcaa	ggaccgcgtc	gaggagatgc	tccagtacct	540
ccgtcctgaa	cagctctgga	tcaacccctga	ctgcggcttc	aagaccgcgtc	agtggcccga	600
gaccaaggct	gctttgacca	acatgggtcaa	tgcgcccaag	tacttccgcc	agaagcacac	660
caaataaatg	gtgtacctta	attaataaca	acccatgaag	gggacgacatt	ctcaacctgt	720
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attcacgatt	tcaacatcgg	cgtcagccaa	atattgacat	gattgcaagt	tcagcgttcc	900
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<210> 7117

<211> 705  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7117  
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 gtgacgcagg cagaacaaag attgtcagag catgagcggg agttgctctt atggattaag 180  
 agtatgatgg atgagactga catggccggt gatccgccag gcgcacctga tgtggacttt 240  
 cttgctaata cctataaggc aaagcaactc agcattgcta ttgttcgagt atgggcgagg 300  
 acattcaaag ggaatacaag ctgggcgata gtggacttgg tcgggtcgag cttggaagct 360  
 tatgcagatc ttatggaaac acagctctga tgatctgcct ggttttatac atgcgctagc 420  
 ctctgtgggaa gtttgtgttg gaataaagca cttaacaggg cagttggtaa ctattcgca 480  
 cagacatacc atggcagctg cagaatgcct aatttcatgc tctaactgcc cattggctga 540  
 agaagtctat gaatgaatac tggcaacgca aagcaagatg ggcttcgtca agacatacca 600  
 tactttcttg ttggataacc atgtaaaaca atataaatat ttggcgcatg cccgaatctg 660  
 attatgggaa tagggcatct tctatctttt ggaatccttc ggatg 705

<210> 7118  
 <211> 808  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(808)  
 <223> n = A,T,C or G

<400> 7118  
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 ctgcgattcg tttcttgcag agctgctttc gctggctcga ttgacctgtt caggcaccat 180  
 gtattttcaac tacgctgcag ctacactagc tgactactc ccactatgct cagcccagac 240  
 ctactcggca tgcaaccctc ttaaggaatc tggttgcaag cccaacccgg gtatgggttc 300  
 caacttcaat tcggacttca ccaccggcga tggagctctc ggcggtgga caactaccgc 360  
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 gccacaatt gacaccagca attacttctt gtttggttaag gtcgaggttg tcatgaaggc 480  
 tgcgcgggga accggtattg tcagcagcat tgctcctagag tcggacgccc tcgatgaggt 540  
 tgactgggaa gccctcggtg gtgacaccac tcaaattcag accaattact tcggcaaggg 600  
 cgacacttcg tcctatgacc cgtgcaacct ttgtgaacat gggctctnca cagggtgat 660  
 accatacgta caccatcgac tggaaacaagg accagaccac ctgggtcccgt gacgggaatg 720  
 ttgnngctac ttttaactac cacgacgccc aggggtgttc ttggttaacc caacaccctt 780  
 atgccctgga actgggcttt tgggcccgg 808

<210> 7119  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7119  
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 ggatggtacc actaccaaga ccgagtaccg tgtctggaac cctttccgtt ccaagcttgc 180  
 tgccggtgtc ttgggtggtc tcgatgatat ctacatgaag cctggctcta aggttctgta 240  
 ccttggttct gccagcggta cctccgtcag tcacgttgcg gatattgttg gacctactgg 300  
 taacgtctac gccgtcgagt tctctcaccg ttctggctcg gacctgatcg gcatggccac 360  
 ccaccgtacc aacgtcgctc ccattgttga tgacgcacgt caccctctcc gttaccgtat 420  
 gctggtacct atggttgacg ttattttcgc cgatgttgcc cagtcgcgacc aggtcgtat 480  
 tgttgacctg aacgctcaca tgttcctcaa ggaggggtgg ggtgtcatcg tctccgtcaa 540  
 agccaactgt atctacatgt cccgaccatg cctgaggttg tttttacccc gcgaagtcca 600

taatgatgag agaggagagg attcaatccc aaggagcaat ttgctttcttg agtccttttca 660  
aacaggttta cttggtg 677

<210> 7120  
<211> 858  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(858)  
<223> n = A,T,C or G

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ttcagtccga gatcccagct cctgcagaag ccaactgccac tgtccgctcg ggccgtcccg 180  
gatattgacg aatcctacaa catcaacaag ggtctgcgca tctcacgtaa gctctacgcc 240  
gatctgacca gcatgggcat gccaatggcc agtgagatgc tcgataccat ctctccccag 300  
taccttgccg atctcatctc actcggcgcc atcggtgccc gtacgaccga gtcccaattg 360  
caccgtgagc tggcctccgg tctgagtttc cccattggct acaagaacgg cacggacggc 420  
aacctcgtcg tcgccattga tgctattggg gctgcccgtc acccccaccg tttcctcggt 480  
gtcactaagc aggggtctcg gcccatcacc aagacctccg gtaacgagca cggtttcgtg 540  
atcttgctg gaggcagcaa ggggtaccaac tatgaccggg agagcatccg tcaggctcgc 600  
gaagccctgc gtagcaagaa gcagcgtgag gtgctcatgg tcgactgctc ccacggcaac 660  
tccaacaaga accaccgcaa ccagcccctg gtcgccaagg aagtcgccga ccagatgcgc 720  
gagggccagg atgctattgg tgggtgtcatg atcgagtcca acattcatga gggcaaccag 780  
aaggtccctg ccgagggccc gaaggccttn aagaagggtg cagcatcacg gatgcctgca 840  
ttgactggga gaccaccc 858

<210> 7121  
<211> 705  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 7121  
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ttgtcttctc atacatcccc tacaccgagg aggctgacaa gttcaacgtt tgcggtatcc 180  
ccatcaacta caacgcctcc aaggagtggg ccgacaagaa gggtatcctc ttcgctcttc 240  
ccggtgcctt cactcccgtc tgctctgcaa accacgtccc cgagtacaag gagaagctcc 300  
ctgagatccg tgagaagggt gtcgacgttg ttgctgtcct tgcttacaac gatgcctacg 360  
tcatgagcgc ctgggccaag gccaacggtg tcaagaacga cgacattctc ttcctttccg 420  
accccgatgc taagttctcc aagagcctcg gctgggcca tgaggagggc cgcaccaagc 480  
gctacgccat cgtcattgac cacggcaagg tcacctacgc tgctcttgag cccgccaaga 540  
accacctcga gttctcgccg gctgagaccg tcatcaagca cctgtaaata cgtcaacagg 600  
aagaaggact atgacatggg accaatagag gatgctggca ctccagcagt ggggataatg 660  
ttttagaatt agacagccca ctttagagat acattaatta cgaat 705

<210> 7122  
<211> 687  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(687)  
<223> n = A,T,C or G

<400> 7122

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aagggcaag	ttgttattga	tgtttccga	cttattcaac	cccagactgt	ggatcatgggt	180
caggagcctc	ggcaaaccac	atccaatttg	ggcacctga	ataagccgtc	gatccaagca	240
ctcatccacg	gcctgaacag	gcactactac	agcattgtta	tcaattaccg	taagacagg	300
ttggaggaga	acatgttgat	gaatctgcat	aagcatgttt	ggacggaagc	cttgagatg	360
aaggatttcc	atgaggaagg	cgagcacaac	gtcgaccgca	tgaagcagct	cgtcagcctc	420
gccgagggct	acgaaaagcg	agttaaagaa	gaaacggaac	tcagcaagga	gcagctcaag	480
acaagatatg	tcggaaagg	cgatcccaag	aagcacatcg	aggatgtaag	tcagcagttg	540
attgaagata	atattgtcgc	agtctcgcg	cagatgatcg	ataaggaagc	ctcagttgcc	600
aggcaatcaa	atgggaaagg	cgctcaaaac	gggtgccagt	atgganggtg	gatgaangac	660
ctatagatga	ttagtgagta	ttatgaa				687

<210> 7123

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<400> 7123

ctggcatata	tatgactgea	tccttaactt	caaaaaagaa	aaagtcccag	gtttatgcga	60
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atcatcagag	aaaccgcctt	ggaggcttca	gagtatatcg	ccgattatat	catcagtcgt	180
atcaaagcct	ttaagccac	agaggatcaa	ccttttggtc	ttggccttcc	gacgggtagt	240
agtcccgaag	ttatctacaa	gaccctcgtg	caacgtcaca	gagcaggaga	gatttccttt	300
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tcataccaca	gcttcatgta	taaacatttc	ttctccata	ttgacatctc	gccccagaat	420
atcaatatcc	ttgatgggaa	cgcctctgac	ctcgtcgtg	aatgcgcctc	ttttgaggca	480
aagatcgccc	gctgcggcgg	tatcgagctc	ttcctgggtg	gtgttggtcc	tgacggacac	540
atcgatttca	acgagccagg	atcatccctc	agcagtcgca	cccaggttaa	gaccctggct	600
tacgacacga	ttctggcaaa	ctctcggttc	tttggcggag	acgtggacaa	ggtaccccg	660
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<210> 7124

<211> 665

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 7124

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acgctggcag	ggctgcacgc	atggcacaat	ggcgacaacc	tgggtcaaagc	tgccgcagaa	180
aagttctcaa	acgtagtgg	tgttgtgcat	accgtgggac	ccatcctgat	ggaagaatgg	240
attgacctcg	actccgttaa	agcgggtgctc	gtcgtcacc	taccaggaca	ggaggcacgc	300
tggtcactca	cgatatcct	gtttggggac	tatagtccta	gcggccatct	gccttacaca	360
atccctcaca	gtgaatcaga	ctaccggag	agcgtcggtc	taattgctca	gccattcggc	420
caaattcaag	acgactacac	cgagggcctc	tacatcgatt	accgacactt	cctgaaggca	480
aatatcaccc	cccgatcccc	attcgggcac	ggtctctcct	acaccacngt	caactatacg	540
gaactcacct	atncatcatc	atagccctag	acacagacta	ccccgacgcg	cgatcctcaa	600
aggctgcaca	cccacatact	acaccgggna	aacacgacgc	atcagaagtc	ggctgggata	660
agaac						665

<210> 7125

<211> 659

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(659)  
 <223> n = A,T,C or G

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 tgtaagttc gttgagaaca agcagcaaag cttgaagctg gaggacttcg aattggtgaa 180  
 ggtcgtgggg taaggtagtt ttccggcagg catgcaggtc atgaaaaaaa gatacagggc 240  
 gtatctatgc cctcaagact atcccgtagg ctacatcat ttacggctcg gaagtcacgc 300  
 acactctcgc cgagagatcg gtgcttgac agatcaataa tccctttatt tgcccctttg 360  
 aagttttctt tccaatccca aagaaaatgt acttcgttct tgctttcgt aaccggggag 420  
 agctgtttca acaccttcaa cgagagcaag cgttcgatat caaccgtgcc cgtttttaca 480  
 ccgctgagct gctttgcgca ttggagtgtc tggatggctt caaggccctt taacgcgatc 540  
 tcacgccgca aacatttttc ttgactatc cnggaacaat tgctctttgc gattttgggc 600  
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<210> 7126  
 <211> 655  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7126  
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 gatcgcttcg gtccgcggcg ctgctcccg ccccgctctt gctgctgcta agcaggtccg 180  
 tacctacgcc gctgaggcca aggtctcccc caccgaggtc tcttctatcc ttgagcagag 240  
 aatccgtggt gttcaggagg aggtctggtc tgccgagact ggacgtgtcc tttccgtcgg 300  
 tgacggtatc gctcgtgtcc acggcatgac caatgtccag gctgaggagc tggctcaggtt 360  
 cgctctggc gtcaagggca tgtgcatgaa cctggaagcc ggccaggctc gtgttgtgct 420  
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 tgatgtcccc gtcggtctcg agcttctcgg ccgtgtcgtc gacgctctgg gtaaccaat 540  
 cgacggcaag ggccccctca acaccaaggc caagagccgt gctcagctca aagccctgg 600  
 tatcctgccc cgctgttccg tcaaccaacc cgttcagact ggtttgaagt gtgtc 655

<210> 7127  
 <211> 686  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

<400> 7127  
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 tatacacata caacatggcc aacagccctc acgggtggtg cctgaaggac cttcttgccc 180  
 gcgatgctcc ccgccaacgac cagttggccg cggaggcgga gagcctgcc gccatcgtcc 240  
 tctccgagcg tcagctgtgc gatcttgaac tgatcatgaa cgggtggctt agtcctctgg 300  
 agggcttcat gaaccagaag gatttcgacg gtgtctgtga gaactgccgt cttgccgatg 360  
 gcaacctttt ctccatgccc attacccttg atgcctcca acaggctc aacgagctca 420  
 agctgcaggc tggtctctgc gtcactctcc gcgacttccg tgatgaccgc aacctggcca 480  
 tcctgaccat cgatgatata taccgtgctg acaaggagaa ggaagccaag ctggtctttg 540  
 gcggtgatcc tgagcaccct gccatcaagt acctcaacac caaggctcga gattctacat 600  
 tgggtgaaag atcgagggtg ncacaagctg aacactacga ctatgttgcc tgcccttaac 660  
 cccgcagagt gtgcatcact ttgaan 686

<210> 7128  
 <211> 683  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
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 <222> (1)...(683)  
 <223> n = A,T,C or G

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 gaaccaagtt gttggcgtag ataacgtctc taccacatat cagggtcccca tccttctggc 180  
 gcaacaggga ttcctcagta ctcttagtga actccttaaa accgactcta tctctaagga 240  
 tcagaagctt attgacagtg gtaagctcat ctggcaggaa tggcagggtt tggctatgaa 300  
 ccaagtgcatt tcccttgaga ctgtgacgat tgccttgatt ggtaaataca caagcttgca 360  
 tgactcatat atgagtgtga gcaaggcgct ggaacatgcg tccatgcatt gccgcaagaa 420  
 gctgaatctg atctggatcg aatcgactca tcttgaagat gagcacaaga caaacaaccc 480  
 tgcggaatac tattccgcgt ggcacaactt gaccaccgcc aacggngttc ttgtccccgg 540  
 tggctttggg tcgagaggta cgaccgggat gggttttggg gcccaatggg cccgtaccaa 600  
 caacgttccc taccttggtg tttgccttgg tatgcaattg gctgtggctg agtatgtctg 660  
 gcatgtctgc ggtatggata acn 683

<210> 7129  
 <211> 875  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7129  
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 caaggcattc tttgatgttg agtacgcccc tgtgggcacc agcgccaaga aggttggccg 120  
 catcaacttc aacctctacg aggatgacgt cccaagacc tctaagaact tccgtgagct 180  
 ttgcaccggg aaacacgggt ttgggtacaa gggctccagc ttccaccgtg tcatccccag 240  
 ttttatgctc cagggagggt acttcacccg tggcaacggc actggtggta agtccatcta 300  
 cggtgagaag ttccttgatg agaacttcaa gttcaagcac aacaagcccg gtcttctttc 360  
 catggccaac gctggcccca acaccaacgg ctcccagttc ttcatcacca ccgttgtgac 420  
 ctcttggtc gatggcaagc acgttgtctt cggcgagggt gccgatgcgg agtccatgaa 480  
 tgttgtcaag gagattgagg cccttggcag caactctgga gctctccgct ctaacgtcaa 540  
 gcccaccatc gttgactgtg gtgagctgta aatatgtcaa gaggaggaca ataaggaagc 600  
 caatttgtga gaggaaaagt gctgaccttg aatgcctgac cttatgggat ggattaaaaa 660  
 cggttgtgtg gcttcattgt ttccttgg tgtgatacgg gttaacgttg gtatcctgtt 720  
 tacagtgcgc ggtataatgt cgagtgtata tagacatatt gccaaactcg atcatcttaa 780  
 tgacgtgtta tccccgaaca atttagagt atcgtgcact caataatgag tattggtagt 840  
 atacaattat gtcaaaaata ataaaaaaa attcc 875

<210> 7130  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

<400> 7130  
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 tacccttctc actctttcgt tgtttacttc aactatttac atttctcacc cccccccct 120







<220>  
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 <222> (1)...(661)  
 <223> n = A,T,C or G

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 tcaggcgcac atttgatcca cgaacgtggg tatctccacg gtacgcccaa ccgtctggag 180  
 ctgatgatcc atgtttacac tcaagacatt ccgaccacct tgcacaagac tcagcttgta 240  
 gccggtgggc gagacatcct cgtctgggtcc ggtttccacg gtactatttg aatgctgggtg 300  
 ctttttgtca gccgagagga cgtcgacttc ttccaaaacc tggagatgca attggcagca 360  
 cagaaccctc ctcttgctgg acgggacat ctcatttacc ggagttacta tgcacctgtc 420  
 aaaggcgta ttgacggtga cttatgtgag acgtatttct tattacctaa tgacacgaag 480  
 atgatgattg ccgcggaact tgaccgttca gtgcgagaaa ttgaacgna gatttcggat 540  
 atgcggacga gagtggcgta ctgattttag cggacacggc gtctagcgac ttctttttta 600  
 cgtancgggg ttcttagata cccgataatc gattgtgaga tatcatcatg taccgcttct 660  
 n 661

<210> 7137  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7137  
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 ggcgctcgat gcaaaatcac cgacagttgc tactttaaac gatggcacta cagactatgt 120  
 ccccatgagg aaaaagtaca cctccaacca gccgcacatc actgagcaac ccatcacttg 180  
 gggcaactgg tacaagcatg tcaactgggt gaactgtttc tttattctct tcattccctt 240  
 cctaggctgc cttggagcat actggacacc tctccatctc tatacgggca tcttcgccgt 300  
 ggtatactac ttcaacgcag gtcttggcat cagggccgga taccaccgct gctggggcca 360  
 cagatgctac aaagcaactc tcccattgag gatctacctt gccgccgcag gagccggtgc 420  
 aggacaaggc tcgatccgat ggtgggtccc cggccaccgt tcccatcacc gatacacgga 480  
 tacagagaag gacccatact ccgtccaaaa aggattctgg tattcgcata ttggctggat 540  
 ggttctgaag cagaaccgga aacgaatcgg tcgcacggac gtcactgatc ttgacgccga 600  
 tcccgtcgtc gtctggcagc ataccaacta tatcaagtca gctctgttca tgtgtctcgt 660  
 cttttcgacg ttggtctgcg g 681

<210> 7138  
 <211> 649  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 7138  
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 ctccagagcc gcagcaggcg ccgctcctgg tgccagattc gctcagttca aacttgctt 180  
 gcttgagaa tccgtgtgtg gaaagagttc gctagtattg agatttgta aggatcaatt 240  
 cgatgactac cgggagtcga cgattggcgc tgctttttta acacaaacca tttcttttga 300  
 cgaaagcacg acggtcaagt tcgaaatatg ggataccgcc ggtcaggaga gatacaagtc 360  
 gctagccccc gtgtactaca gaaacgcca ctgcgcagta gttgtttacg atatacaca 420  
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 gaacattgtc atgcctcttg cgggtaataa gctcgacctt gtcacagaan acccagacaa 540  
 gagggctatc ccaaccgcag atgcgaggc ctatgcacgt gaggtgttt tgcttttctt 600

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649

<210> 7139

<211> 708

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 7139

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catggctgac	tctcagcgtc	gtccccgtgt	cttctttgac	attcaaattg	gcaacgaaaa	180
aactggccgt	attgccctgg	aattgttcaa	cgatgtcgta	ccaaagactg	cagagaactt	240
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gggttcgata	ttccaccgtg	tgatcaagca	attcatgata	cagggtggtg	acttcactgc	360
attcaacggc	actggcggcg	aatcgattta	cggcgagaaa	ttccccgacg	agaattttga	420
gctcaagcat	gacaaacctt	tcctcctctc	tatggccaac	tctggccccg	gcaccaacgg	480
aagtacgttc	ttcatcacta	ccgtccccac	ccctcacctg	gatggcaagc	acgttggttt	540
tggagaagta	atcaacggaa	agagtgtcgt	ccgcanggtc	gagaacatga	acaccccagc	600
agacaagccc	gtcaaggacg	tcactattgt	cgagtgtggt	gagctcacng	gccangacta	660
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<210> 7140

<211> 726

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 7140

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tattaattgg	tggataggcc	tgtttaagta	tgataagttc	aagggcaccc	ttccgaatgt	180
cttcatttgg	aatgatatga	acgagccatc	cgtgttcaac	ggccccgaaa	ccactatgcc	240
caagagatac	cttcattatg	gcaactggga	gcaccgtgac	attcacaatg	tcaatggtat	300
cacgtttgtg	aatgcgacat	ataatgcgat	gttagaacgg	aataaaggcg	agcttcgctg	360
gccgttcatt	ttgacacggg	cgtattatgc	tggagcccat	cggatgtctg	ccatgtggac	420
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caaggacctt	ctcaccggat	ggtatcaaac	tggcatttgg	tatcctttct	tccgtgcgca	600
cgcacatata	aatactcgtc	cgcgtgaacc	gtatttgatt	agcgagcccc	acaggtctat	660
catcgacaaa	gccattcggt	tgaaaaacca	actcttaact	gcctggtaca	ctgcctttca	720
cgaaac						726

<210> 7141

<211> 1981

<212> DNA

<213> *Aspergillus oryzae*

<400> 7141

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gcctctttct	aaatcctccc	ccaggaaaga	gctcgtctat	ctctcgtgag	acaggcatca	120
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ctgtcccagg acctctgaac tttagcacca cctcgggtag ctcaagttct ttgaacaaca 240
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caccctcgag ccagcagcct acggctcaga atctgaatta caacgacaac aacagtgcc 360
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<210> 7142  
 <211> 653  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(653)  
 <223> n = A,T,C or G

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gcgtacgacc cgaagaacaa gatgaacccc agccagctcc agaaccactt cgatgctttc 180
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cgtgaactgc gcctgagcac caagaaatgg ctgaaggagc gccgcagatg cgcgcgcgat 540
tgtagtcgca atcccagccc ggagccgacg aagcggagaa attaagggtg ggatttgggt 600
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<210> 7143  
 <211> 658  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
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 <223> n = A,T,C or G

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 ccgagtcgag gcgaggggcg gaagccttga aggtcaacat tagtgctggt gaaggtctcc 180  
 aggatgttct taaatctaac ctggggccct ccgggacatt gaagatgttg gtggacggtg 240  
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 atcccaccgc cgtcatgatt gccgggctg cgacagcaca ggatgatatc actggtgatg 360  
 gaacaacttc tgtggtggtg ttggtgggag aacttctgaa gcaggcagac cgttatattt 420  
 ccgaaggatt gcaccctaga gtaatcacag atggatatga gatcggaag aacgacgctc 480  
 ttaagttcct cgatcaattc aagatcgagc gtgcaatcga ccgtgagctg ttgctgtctg 540  
 tcgctcggac ttcgctcagt acgaaactga acagtgcact tgccgagaag cttacccccg 600  
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<210> 7144  
 <211> 575  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(575)  
 <223> n = A,T,C or G

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 tgtggttatg agcctctcac taaatatgtg gtgtttggtg ttgtctccct ccagatatgc 180  
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 ctggccttcc ggtccccaat gggtaatcgt ctgttggcga tttttgccaa tctccctatt 360  
 ggggtgcctt acagtgtcgc gttccggccc taccacctaa cgcatacata atcccttggt 420  
 gttgcaggcc tcgataccga tcttcgact ggctgtgagg ccttcctnct ttgactcctc 480  
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<210> 7145  
 <211> 657  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(657)  
 <223> n = A,T,C or G

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 aatctgctgg cggccaggcc gacatctacc agattgctga gaccctgccc aaggaggtcc 180  
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 ctgccatgag cactcttgcc caccacggct tcactacgt tccctcggc tacaagacca 480  
 tgtttgccca gttgtccaac ctccaggaga tccacggtgg tagcgctgg ggtgctggta 540





[illegible]

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tnccg						1565

<211> 672

<213> *Aspergillus oryzae*

<221> misc feature

<223> n = A, T, C or G

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gttatccgyc	atcaacggaa	tgcgaggcgc	gtatcgcgaa	aaggctcctg	ttatocacat	360
gttcggtaca	ccatcgcggtg	cgttgccagga	tgcccgcact	ttagtccacc	atactttcgc	420
cgatggtgaa	tataaccgat	ttgccgcaat	gcattgccag	gtcacagttg	ctcaggcgaa	480
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ccatagccgg	cggggtttaca	tccaagttcc	ggatgacatg	gttgacgtca	tgatcccggc	600
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<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 7153

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tcgctggcgg	gcagccttac	aagaacgtcg	gtgacgggaa	aggcttcttc	atcgcgccaa	600
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<210> 7154

<211> 667

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 7154

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gggtggtggtg	atattgcatt	cgacattcag	gttattcacg	gataccgtcg	cttctgtaac	180
aagatctacc	aggccaccaa	atatgtcctc	ggcaagctgg	gtgacgactt	caagcctcaa	240
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ctctggcagc	gtctgcctcg	ccgncccaat	gacaacacta	tntccatcat	gaaggcccgg	600
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<210> 7155

<211> 890

<212> DNA

<213> *Aspergillus oryzae*

<400> 7155

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ttcatccaac	ttgtatgtca	agtgcgggtc	agctgtttgc	atctcaatat	aaagggtctg	720
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<210> 7156

<211> 710

<212> DNA

<213> Aspergillus oryzae

<400> 7156

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ccatgagatt	ggttgagatc	cgcggtggat	ccctggagaa	aggctctagt	ggtgatgttg	660
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<210> 7157

<211> 959

<212> DNA

<213> Aspergillus oryzae

<220>

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<222> (1)...(959)

<223> n = A,T,C or G

<400> 7157

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<210> 7158

<211> 641

<212> DNA

<213> Aspergillus oryzae

<220>

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 <223> n = A,T,C or G

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 caccggaatc tctctcacta ttgtcgacac tcccggtttc ggcgatcaga ttgataatga 180  
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 cttgatcaca cccactggcc atggcctccg tgagctggat atcgaattga tgaagcgtgt 360  
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<210> 7159  
 <211> 703  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

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<210> 7160  
 <211> 711  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7160  
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 cggagagtcg ggtgacagac ttaccgctgc tgctaagggt ctcgagcagc tgagcggta 180  
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 ctgcaaggcc cgtattggtg ctctcaccg catcaaccag gccgagacca tcaagtgggt 540  
 caagaaccgc ttcgacggaa ttgtccggt aatgtttcat ttctggtctt tgggggagcc 600  
 agggggttgc gtttatgatg aatcaataaa aaaaggcaga aaaaatgccg gtctgctttg 660  
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<210> 7161  
 <211> 1895  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7161  
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 ttttgcagac cgcacaaacc accgtagctc ttctcgtagt gggacggttg attgcgggat 540  
 tcggtgtcgg ttttgtgtcg gccatcatta tcctgtacat gtcagagatt gctcctcgca 600  
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 ttggcattca gattgcttg ggcctcatcc tcggtggggg gttgctcatg ctacctgaat 780  
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 tcaagtccaa ggtgttcttc atctggggat ccctctgcgc ctgcgccttc ctctacacct 1560  
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 cccgatggg cacggtcggc ggggactcgt ttgggggttc gggagggtgt tctgcaaatt 1800  
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<210> 7162  
 <211> 721  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7162  
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 ggtcttaagg atatcatcgg caagctcgag gctcgggttg aggaattgga gagccgctg 180  
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 ttggctaccg gagatatgtt gcggtctcag gtcgccaaga agactgagct gggcaaagag 360  
 gccaaaga tcatggatca ggggtggcctg gttagtgat agatcatggt caacatgatt 420  
 aagagcaggt tggacaacaa cagtgaatgc aagaacggtt tcatccttga tggctttcct 480  
 cgtaccgttg ctccaggcca gcgcttggt gatatgcttg ctgcccgta acagaaactc 540  
 cagcatgccg tcgaactgca gatcgatgat gccttgctgg tagcaagaat caccggacgt 600  
 ttagttcacc ctgcttctgg acgctcctac cataaagtgt caatcctcct aaacaggaga 660  
 tgaaagatga tatgaccggc gagcctctca ttcagcggtc tgatgacaat gctgagacct 720  
 t 721

<210> 7163

[illegible]

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<210> 7164
<211> 1033
<212> DNA
<213> Aspergillus oryzae
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aagttcgctc	ccgacggtgt	cttctatgcc	gagttgaacg	agttcttcca	gcgcgagctg		180
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atccgtgcc	cccacacca	ggagggttct	ggtgagcagg	gccgcgcgat	ccgcgagctc		300
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taggccctgc	tcttttttct	tcgttctctg	cgtcctacct	gatatcatta	cctgacgcaa		960
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gtcttcccgt	ccc						1033

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<210> 7165
<211> 401
<212> DNA
<213> Aspergillus oryzae
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gcttgattgg	cgaggccgca	aagaaccagg	ctgcgatgaa	cccgaagaat	accatcttcg				180
atatcaagcg	tcttatcggc	cgtcgctatg	atgatcctat	cgtcaagaag	gatgttgaat				240
cgtggccctt	caaggttagtt	gatcagggtg	gaagccctgc	cgtcgagggt	gagtcactcg				300
gagagacgaa	gacttttact	ccccaggaga	tctcctcat	ggtcttgatg	aagatgaaag				360

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401

<210> 7166

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

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<223> n = A,T,C or G

<400> 7166

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tcattcttgc	agaacatcac	tacctcctct	atttccttat	caccgccatg	tatcctcgct	360
tccttggtac	actcgacgag	gacctacaac	ccctcaccgt	gaatgtgcga	gtgggacang	420
ccgtggatgt	tggtggacaa	gctggacggt	ctaagaccat	cactggctgg	caaacacaaa	480
gcaaccaaat	tcttctcgca	tacgggtgaaa	gagcanagct	tgaagaagaa	cagtatatcc	540
ctctcagcag	cacccttcaa	ggggtttgct	attttgcgca	aaaaccccaa	cttggggaagg	600
gaacagaaca	ctgcttaaaa	agggatatac	tggttttcta	taaatattcg	ggtttacttt	660
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<210> 7167

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 7167

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tggtggaagc	tcgcctagaa	caagcctctc	tcctcaagcg	cggtgtcgac	gctatcaagg	180
atctggtgca	ggactgcaac	tttgactgca	atgactctgg	tatcgccctc	caggccatgg	240
ataactccca	tgtagcccta	ggttccatgc	tcctcaaggc	cgaaggcttg	tccccatacc	300
gctgcgaccg	caacattgct	ctcgggtatca	acttggtctc	cttgaccaag	gtcctgcggg	360
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tcattgttga	gagcgctgag	accgaccgac	taagcgaata	tgatattagg	ttgatggaca	480
ttgaccagga	gcacctggca	atcccagaga	ccgagtatgc	cgctaccgtc	gagatgcctt	540
ctgcagaaat	ncagcggatc	tgccgaaacc	tgaacgcact	gtcgagtctn	gtgncattga	600
ggctaccaag	gaagggtgtc	agttcctctg	ccaagggtgac	atttgcagcg	gatctgtcac	660
caatccgtaa	cacacct					677

<210> 7168

<211> 1167

<212> DNA

<213> *Aspergillus oryzae*

<400> 7168

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gtcgccgtgg	cccgcattgg	ctcggacctg	ggtctgttta	aacatctcag	ccagtgtgca	180
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<210> 7171  
 <211> 799  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7171  
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 tccgagctgg agaacgcgat cgccggcgct ctcttcgact tggagagcaa cacacaggac 180  
 ctgaaggcca cccttcgtcc tctgcagttc gtctctgccc gtgaggttga ggtcggccac 240  
 ggcaagaagg ctgtcatcat cttcgtccct gtccctctcc tccagggctt ccacaagatc 300  
 cagcagcgcc tgacccgtga gctcgagaag aagtctctcg accgccacgt cctcttcggt 360  
 gctcagcgcc gcatacctgcc caagcccaag cgctctgtca actcccgcac caaccagaag 420  
 cagaagcgtc cccgttcccc cactctgact gctgtccacg acgccatcct cggcgacctg 480  
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 ggcgaggtct accgccgttt gaccggccgc aacgtcgtct tcgagttccc ccagagcagc 660  
 gcctctgact tctagatgcc aaattttctc cttatgtcct tttaaaagct tttttttttt 720  
 tccggggata aggccattga aaaaaaatt agttctgggt atttcaagac caaagacccc 780  
 gggttttact tttttttttt 799

<210> 7172  
 <211> 688  
 <212> DNA  
 <213> *Aspergillus oryzae*

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 gatcaatgcc ttcccttccc ttgccagggt ggccagcact gaggcggcg ctaccggcaa 180  
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 gattcttgct actggtatca aggtcgtcga ccttgcttgc cccctacgcc cgtgggtggt 600  
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 aacaacattg ccaaagctca cgggtgggt 688

<210> 7173  
 <211> 733  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

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 cgggaggtgt atggaacagg tactcgtgcg tgttccagat cggttccggt gtggctgttg 360  
 gcttcaagac tggaaagaaa ggctggtgct gtctcaagg ctcgctctgt tcttgacaga 420  
 gctcggcttg ctgttcctaa gagtgctgaa ctgtggacag aaagtgttcg tgttgaacgg 480  
 cgtgcaaaca atatcgccca agctaagatc ttgatggcaa aggcattgca ggaagttcca 540







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ccgattacta	gtatataggg	gacatgtgct	atatttcttt	ttatgttggt	cacgagcgat	540
togactgact	tttgtattac	gtttttcttt	tcatgcgtct	ctaattcttt	gggccttttt	600
atctatccta	tgacgcactt	ggaagggtgt	ntagagaaag	atttttgtat	agctttccgc	660
gaaaggtaag	gaccgtacac	ga				682

<210> 7179

<211> 750

<212> DNA

<213> *Aspergillus oryzae*

<400> 7179

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ggaagggcaa	taattatgcc	tacctggtga	cagacgagcc	aaccaagaag	tctgtgatta	180
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agattgatct	gacagctatt	gtcaatactc	atcaccattg	ggatcacgct	ggcggcaatg	300
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cgggtgacgca	gactccggcc	catggagaga	cattcaagat	cggagagcgc	atctccgtaa	420
aagctctcca	tacgccttgc	catacgcaag	atagtatctg	ctatttcatg	caggatgggtg	480
aggaacgtgt	cgtattcacg	ggtgacacct	tgttcattgg	aggatgtggg	cgtttttttg	540
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gatactaagg	tctttcccg	ccacgagtac	actaaaggca	acgtgaagtt	ctgtcttgcc	660
gtgtcacagt	cagagcctat	caagaagctg	gaggcattcg	cagagcagaa	ccagcagacc	720
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<210> 7180

<211> 553

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(553)

<223> n = A,T,C or G

<400> 7180

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ggtgatactc	tcacgaac	cactagcggt	aacactggaa	ttggtttggc	gctcgtcggc	360
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gctgtactga	aagcgttgaa	tgcaactatc	atccgcactc	ctaataagc	ggcgtatgat	480
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<210> 7181

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 7181

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gacctcggcc	ggattaaaatt	gactatcgat	gacttccagc	cgtatccgat	tagacaccct	600
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<210> 7182

<211> 849

<212> DNA

<213> *Aspergillus oryzae*

<400> 7182

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catccttctc	gccatgttcc	ggactctctt	gccgcgggct	gcacgcgggg	ctgccctccg	180
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agttcccaag	aagatggttg	tcattggtgg	tggtatcatc	ggtttggaga	tggcttccgt	660
ttggtctcgt	ctcgggtgctg	aagttaccgt	tggtgagttc	ttgaaccaga	tccgtggacc	720
tggtatggat	gcaaagattt	gccaacaggc	tcagaagatc	ctgtcgaagc	aggggtatcaa	780
gttcaagact	ggcaccacag	tcaccaaggg	tgatgacagc	ggcgcttctg	tttctattag	840
cgtcgagtc						849

<210> 7183

<211> 685

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 7183

gggccttcat	tcccgcgagg	cgggtcaaca	gataatcaat	gacctcagag	ccgtaggcca	60
tggagacacc	gtggagcaat	ggagactgag	agactggttg	atcagcaggc	agcgctatga	120
ggggtacccc	gattcccatc	attcactgcg	gggattgtgg	ccccgtgcc	gtgccggacg	180
atcagctccc	agtcaagttg	cctaaaatag	aaggggactg	gctgaaaggg	aagagaggaa	240
atcctctgga	gtcgtccgat	gagtgggtta	acactgaatg	tccgaggtgt	caaggtcctg	300
cgaagcggga	tacggatacc	atggatacct	ttgtcgattc	ctcatggtat	tttctcagat	360
ttctagatag	cgccaaccga	cgacagccgt	tttcaccgtc	atctgcgcga	ccagtcgatg	420
tttatatcgg	cgggtgtcgag	cacgcgatct	tgcacctact	ctacgcccg	ttcatctaca	480
aattccttgc	taagtccggc	ttgttcccgg	agattgctca	tgtaggtgat	gtttcgaggc	540
cgttggagcc	gttcaagacg	ctcctttccc	aaggtatggt	tcatggaaag	acgtactcgg	600
agccctctac	aggagatttc	ctncaccctt	ctgaaatgga	ctctctagcc	ccgataaacc	660
gtcatcaagg	cactcaaata	actct				685

<210> 7184

<211> 675

<212> DNA

<213> Aspergillus oryzae

<400> 7184

ccccatccaa	gatggcgaaa	atcaagaaga	agggaaacttc	tggccaggcc	aaaaactata	60
tactagaac	tcaggcagtt	cgcaaacttc	agatttcctt	gcctgacttc	cgtcgactat	120
gcattttcaa	aggcatatat	ccccgtgagc	ctcgggaataa	gaagaaggcc	gccaaaaact	180
cgactgccag	cactactttc	tactacacga	aagatattca	atatctcctg	catgaacccc	240
tcctccggaa	attccgtgac	cagaaagcgc	tctcgaaaaa	gattgctcgc	tcccttggac	300
gtggtgaagt	gagcgacgca	actcgectgg	agaagaacca	tgcgccgcag	ctcactttgg	360
atcatatcat	caaggagcgc	tacccaactt	tcacgcagcg	tctgaaagac	tttgatgatg	420
ctctgtcgct	tctggctcct	cttgcgaaac	tttctttcac	tgcacatgta	ccctcccaag	480
accaacgcgc	tttgccaacg	ccttttgcat	gaatttcagc	actacctgat	tgtcaccaac	540
ttcctgcgca	aaataattct	tttcattcaa	aggtattttac	ttacaagctt	accatcaagg	600
acaaggatat	atggtggtgg	ggcctctacc	aaatcgttca	ccgggtgaat	ggaaaagtcc	660
attttcgaat	caggg					675

<210> 7185

<211> 677

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 7185

ccccctccc	cccctcttaa	ttccactggt	tcttcggctc	attagagaag	tgtttctttt	60
cttttgatcc	gtcatcatga	gctccctgag	cttgccgagc	ctagctcccg	catccaagat	120
ttcccgtgcc	ttgagggatc	agagacgtct	tttttctca	acccggcccc	cagcccggat	180
ttttggcagc	aaccattg	gcgctaggga	agccactggc	gctatcgccg	agaagtaccc	240
gatcattgac	cacgagtagc	atgctgtcgt	cgtcggtgct	ggagggtgctg	gtcttcgtgc	300
cgccttcggt	ctggcggaag	ccggttttaa	cactgcctgt	gtctcgaagc	tcttccctac	360
aagaagtcac	actggtgctg	cccaagggtg	tatcaacgct	gctcttgga	acatgcacga	420
ggatgactgg	agatggcaca	tgtacgatac	cgtgaagggt	tctgactggc	tcggaaacca	480
ggatgccatt	cactacatga	ccagagaagc	ccccgctagt	gttcgtgagc	ttgagggcta	540
cggatgcccc	ttctctcgta	ccgaggacgg	cccgatctac	cagcgtgcct	ttgggtggtc	600
agtccaaaga	attctgaaag	gggcgggccag	gcctaccggt	gctgtggtgg	ccgctgatcc	660
gactggtcac	gcctttn					677

<210> 7186

<211> 596

<212> DNA

<213> Aspergillus oryzae

<400> 7186

cgccgctcag	agtgcgcta	ttgccattgt	caagggcatc	aacggcaatg	ccgtcaaggc	60
cgtcattcct	cctattctcg	agtccctgga	gtccgcccag	aagtggactg	agaagctgtg	120
cgctctcgag	tgcctcaact	ctctcattga	gaccgctccc	gctcaggttt	cttaccgtgt	180
ccccgcctcg	attcctgctg	tctccgaggc	tatgtgggat	actaaggccg	agatcaagaa	240
ggccgcttac	tcacccatgg	agaaggctcg	cggtctgata	gttaacaagg	atatcgagcg	300
tttcattcct	gaactcatta	agtgtatctc	caagcccag	aacgtccccg	agaccgttca	360
cttgctcggt	gccaccacct	tcgtttccga	tgtcactgga	cctaccctcg	ctatcatggt	420
tcccttgctt	gaccgtggtc	ttgtcgagcg	tgagactgcc	atcaagcgta	agtctgctgt	480
catcgctgac	aacatgtgtt	aacttgctga	ggaccctcag	atcgctcgctc	ccctctttgc	540
ccaaattgat	gccttgctct	acaccacacc	cttgacaccc	ttgcccagacc	ctgaag	596

<210> 7187

<211> 698

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 7187

ctccaccgtg	cctttttccgt	gttcctcttc	gattccaaca	agcgcttgct	tctccaacag	60
cgcgccactg	agaagattac	attcccagat	atgtggacaa	acacttgctg	ctctcaccct	120
cttgggaattg	ctggcgagac	cggttctgag	ctggatgccg	ctatcttggg	cgtgaagcgg	180
gctgcgagc	ggaagttgga	acatgagctt	ggaattaagc	cggagcaagt	acccctggat	240
aagttcgatt	tcttcacgag	aatacattac	aaggtccta	gtgatgggaa	gtggggagag	300
catgagatcg	actatattct	cttcatccag	gcagatgtag	agctgaagcc	tagcccgaat	360
gaggttcgag	acacgaagta	cgtctcggct	gacgaattga	agacgatgtt	tgagcagccg	420
gggttgaaat	tcacgccttg	gttcaaactt	atctgcaatt	cgatgttggt	cgaatggtgg	480
agccatctcg	gctctccaac	cctggagaag	tacaagggcg	agaaagggtat	cggcggtatg	540
tgatattcta	tcccacggag	actgatgata	tgatngtacc	cggttttgtc	tgcgaacata	600
gcgggtgctc	ttcggctgggt	tctatctatt	tcccctaattg	atgataccat	ggcatggggc	660
agtcaaacgc	attattatat	ttggacagaa	gttttctn			698

<210> 7188

<211> 951

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(951)

<223> n = A,T,C or G

<400> 7188

agcctccggc	gacgcccgtt	ctccattctt	cttttcgatg	aagttgaaaa	ggcagccaag	60
gaggtcctca	cggttctcct	ccagctcatg	gacgacggac	gtgtcacaga	cgggtcaaggc	120
agaattgtcg	acgcgaagaa	ctgcatcgtc	gtcatgacgt	ccaacctggg	tgccgaattc	180
ctgtctcgtc	cgcgcactaa	ggatggacgg	atcgatcctc	aaactcgtga	attggtcatg	240
ggcgccctcc	gtgactactt	ccttcctgaa	ttcctcaacc	gtatctccag	tacggtcatc	300
ttcaatcgcc	tcaccaagaa	agaaattcgc	aagatcgtcg	acctccgtct	ggacgaagtc	360
caaaagcgct	tggagcaaaa	cggaaagaac	gtcacgatcg	aatgcacaga	ggaggtcaaaa	420
gactacctcg	gcgacgcagg	ctattcgccc	gcttatggcg	ctcgcccttt	ggctcgcatc	480
atcgagcgcg	aagttctcaa	cgtctcgtct	attcttatcc	tccgtggaag	catcgttgac	540
ggcgaggttg	ctcgtgtcat	catgcgcgat	ggtcgtatcg	acgtcctgcc	gaacctgag	600
atcccggttg	acgaagatca	agacatgctc	gatagtgaag	atgaagccat	agccgagatg	660
gaagacggca	gtggtgacat	ggatctctac	gagtaaattt	actaaaaaaaa	aggggggatta	720
tcagcaaaaa	aaatcanagg	ggatgtgcat	ttttgaagat	atggagtgat	gactgatgat	780
gataacatga	ctttttcttc	tcgcttgatt	atgggtattg	gcgttggtgt	taatatttct	840
ttcttgga	tattatatgc	actttgtaca	cagcattgag	ataatgtgct	ttaataaata	900
gatncagctg	gattnnnnnn	aannannata	aaaagatgaa	aaaaaaaaatt	t	951

<210> 7189

<211> 624

<212> DNA

<213> *Aspergillus oryzae*

<400> 7189

gacgtgtacg	atataaagat	acccgtgtaa	tttttagtct	aggatattcg	tacaatatca	60
agaggtaatc	gtgcagcatt	atgtacgc	ttttaaacca	gttactactc	ttattcatcg	120
ccaccaccga	ggttggcacc	cacctgctgt	gcagatttgc	cgctgcagat	atcatcaaca	180
cggagaagta	ggcatgcgga	ctcgacagca	gtcttgatgc	tctggagttt	cactgcttca	240
ggttcccgag	cgccatattc	cttcatatcc	accagggcac	ccgagtcacc	atcaagacc	300

catgtggtgt	ggccttcggc	gtgcttggcc	ctcatgagag	tcaaaacacg	aatagggctg	360
gctcctgcgt	tttgagccaa	tgtccgggga	ataacctcca	tagcatcagc	aacggccttg	420
taaggccatt	ggtgaacacc	ctcgatagac	ttggccaact	ggcccagctt	gacagaaact	480
gccatctcga	tagcaccacc	gccaggggac	agtcgtgggt	ggaagatgac	attccggggc	540
aaggccatag	catcctgaag	gttgcgctca	acctccttga	taatatcctt	taaaggacca	600
cgtagaagga	atgtgaaagc	cttt				624

<210> 7190

<211> 761

<212> DNA

<213> Aspergillus oryzae

<400> 7190

catcttcatc	cgtgtatcaa	tctatcttcc	cttcacttga	attttttcaag	aaattaaatt	60
aacccccaac	cgtcaaaatg	gtcaaggctg	ttgctgttct	ccgtggagac	tccaaaatct	120
ccggcaccgt	caccttcgag	caggctgacg	ccaacgcccc	taccactgtc	tcctggaaca	180
tcaccggcca	cgacgccaac	gctgagcggt	ccttccatgt	ccaccagtcc	ggtgacaaca	240
ccaacggctg	cacctccgct	ggccctcact	tcaacccctt	cggcaaggag	cacgggtgctc	300
ccgaggatga	gaaccgccac	gtcggtgact	tgggcaactt	caagaccgat	gctgagggta	360
acgccgtcgg	ctccaagcag	gacaagctta	ttaagctgat	cggtgccgag	agcgtacttg	420
gccgtactct	cgatcatcac	gccggtactg	acgaccttgg	ccgtagtga	caccgcggagt	480
ccaagaagac	tggcaatgct	ggtgctcgcc	ccgcttgccg	tgtcattggc	attgctgctt	540
aaacacatag	ttctagtcaa	tctaggatgt	gaagtgcggg	gtcagaattg	gaacagtcgg	600
taaggcaaac	tgggaagtat	cttggtgatg	ctcaaaagtt	gatctggacg	gatcttctat	660
gcggttcctg	gaggactgat	aggaggtctc	tggctcctgg	gaattcaatt	ctagaaattg	720
tataggaatg	atgacacgag	ttgaatttta	ttcgatatta	t		761

<210> 7191

<211> 696

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(696)

<223> n = A,T,C or G

<400> 7191

ggatgtgcac	gaggggagat	atctacactg	ctgttataga	ctactacctc	tgtccttgaa	60
acccacacag	ctatcatctc	ctattgtcaa	aaacccccacc	cattcaacat	catgcagaag	120
gctgcacagc	agtcttggga	gctcgaaaat	gccatcagcc	tcatagatcc	ccaacgagac	180
gccctctacc	agtacgatca	agaaacacac	aaagccctca	gcgcggagcg	cccatggggc	240
aaagaccccc	actatttcaa	atcgataagg	atctccgctg	tcgcgctact	gaagatgggt	300
atgcacgcac	gctcaggcgg	atctctcgaa	gtcatggggc	taatgcaagg	ctacatcctg	360
ccagaaacct	ttgtcgtaac	cgatgcattt	cgctctccag	tcgaagggaac	agagactcga	420
gtgaacgccc	aagacgaagc	aaacgaatac	atggtgtcct	atctccaggc	atgtcgggat	480
gcgggacgga	tggaaaatgc	agtcggctgg	tatcacagtc	accctggata	tgggttgctgg	540
ttatcnggga	ttgatgtcac	cacgcaagat	atgcagcaac	tcggcggggc	gtttgttgcc	600
gtggtcattg	atccagagcg	gaccatttcc	gcggggaaaag	gtagatatcg	gggccggttag	660
aaacgtccct	taaggaatat	acgccaccca	aagaag			696

<210> 7192

<211> 632

<212> DNA

<213> Aspergillus oryzae

<400> 7192

gcactactcc	atcattttccg	gctgggttcgg	cgaccacatg	ctcatgcccc	caggcaagtt	60
cttcacgatg	ttccacttcc	tggaaataccc	tttctccgcg	ggcttcaccc	acatccggtc	120
cgccgacccg	tacgatgccc	ccgacttcga	tgccggcttc	atgaacgata	agcgcgacat	180

ggccccaatg	gtctggggct	acatcaaatc	gcgcgagacc	gcccgcgcga	tgagcgccta	240
tgcaggcgaa	gtaaccagca	tgcacccaca	cttcgccttt	gactctgcag	cccgggcatt	300
cgacctcgac	ctagccacga	caaaggcata	cgctggggccc	aatcacatca	ccgccgggat	360
ccaacacgga	tcatgggtccc	aacccctcga	accaggccaa	acccccacag	aaacctacct	420
caactccaat	aagcaagaga	cccgggaacc	aatccaatac	agcaaaaagg	atatcgagca	480
tatcgagaaa	tgggtccaac	gccacgtcga	aacaacctgg	cactccctcg	gaacctgcag	540
catggcaccg	agagaaggta	actcgatcgt	caagcatggc	gggtgcgtcg	atgaacgtct	600
taatgtccat	ggggttaaag	ggccttaagg	tc			632

<210> 7193

<211> 690

<212> DNA

<213> *Aspergillus oryzae*

<400> 7193

tattttccat	tttctgtact	gtgtttggat	aagagacaac	tttcaaaatg	gctacggcag	60
tctctcaggg	ggccgctggc	aacaacgcct	tcaaggacaa	ggagaagcct	atggctgtgc	120
ggacgtccaa	cattctggcc	gctagagccg	tcgccgatgc	catcagaacg	tctttgggac	180
ctagaggaat	ggataaaatg	atccaaacac	ccaagggcaa	cacgattatc	accaacgatg	240
gaaacactat	gttgaaggat	atgagcgtta	tgcacccgcg	agcccggatg	ctcgtcgacc	300
tgagtgcgcg	tcaagatggt	gaggctgggtg	acggaactac	atcggttgtc	gtaatcgagc	360
gaagcttgct	gggtgctgca	gagcgtctct	tgtccaaggg	catccacccc	accgtcatct	420
cggagtcatt	ccaaagagct	gcagccgcag	ccgtcgagat	ccttcacaac	atgtcccgcc	480
ctatcagcct	ggtcgaccgt	tccactttac	tccaggcggc	ctctacgtct	cttttatcga	540
aaaatgtttt	gcagaactcc	cgctcctttg	gccctatggc	cgtcgactcg	gtgctgaagg	600
tcgtggatcc	taagactgct	gagaacgttg	acctcacgaa	tattcggaat	gtttagaaag	660
gttgcgggcc	caattgaaaa	ttatgtaagt				690

<210> 7194

<211> 628

<212> DNA

<213> *Aspergillus oryzae*

<400> 7194

gaatccgatg	ttgggttctc	tcctacttct	tgcccccttg	gcgggagctg	ccgtgattgg	60
gtcacgagcg	gacacccagc	agtgccttgg	atacaaggca	tccaatgtcc	aggaaaatga	120
tcggctctttg	acggccgact	tgacctcgcg	aggaaaaccc	tgcaacacct	atggcaccca	180
tctgcataac	ctcaagcttc	tggtagaata	ccaaactgat	gagcgtcttc	atgttaagat	240
atatgacgcc	gaagaacgtg	tataccaggt	acctgaaaag	gtgacccctc	gagtagacag	300
tggcgatggg	tctagtaaa	actccgcact	taaatttgaa	tacgaggaag	agcccttttc	360
gtttaccgtg	aaaagagatg	atgaagtatt	gttcgacagc	tctgcggaga	accttatctt	420
tcagtcacaa	tatctgaagc	ttcgtacctg	gctcccggag	aacctatatt	tgtatggctc	480
aggagagcat	accgaccctt	tacgcctttc	tactaccaac	tacacacgta	ccttctggaa	540
tcgtgacgcc	tatggtactt	ctgcaaatag	caatttgtat	ggcactcatc	ctgtgtacta	600
cgaccatcgc	ggtgaatccg	gaactcac				628

<210> 7195

<211> 491

<212> DNA

<213> *Aspergillus oryzae*

<400> 7195

gcaatcacct	tatccctttg	tctttttact	taaaacacat	ctaaacaatg	gctacccccca	60
aggttggaat	caacggcttc	ggtcgtattg	gccgtatcgt	cttccgtaac	gctatcgcca	120
gcggtgacgt	tgatgttggt	gctgtcaacg	accccttcat	tgagactcac	tatgctgcct	180
acatgctcaa	gtatgacagc	acccacggtc	gcttcagggt	taccatcgag	acctacgacg	240
agggcctcat	cgtcaacggc	aagaagattc	gcttcttcgc	cgagcgtgac	cccgtcgcca	300
tcccctgggg	ctccgctggc	gctgcctaca	tcgtcgagtc	cactgggtgtc	ttcaccacca	360
ccgagaaggc	ctccgctcac	ttgaagggtg	gcgccaagaa	ggtcatcatc	tctgctcctt	420
ctgctgatgc	ccccatgttc	gttatgggtg	tcaacaacaa	ggaatacaag	accgacatca	480

<210> 7196  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

<400> 7196  
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 aatgagtaat cgcaaagata ggcatttcga agcatatcaa ggtgtcctga atggcagcgg 120  
 cgagattgtc aggagtgtac cccgcgacac cgttggataa agctccgagc cactgcaaga 180  
 tggacaagaa gaaaccctgc cagtaggagg cgaagataat gagtttgacg caaaggaact 240  
 ttggcacggg acggaatggc gccaggctgt tgtgaaggca aacccaaaac atcgccagcg 300  
 agtacaaact tatcgtgacg ctaacattat acacaatccc tgtccagagg taaccagagg 360  
 ttaaccctaa gttagccctt tgatagctat ctgtggcttt cataatgata gatacgatag 420  
 ctaaaattgg ctttagccat gtatactgca gaataccgag cttcacggcc aggaaggtgt 480  
 gcgggtcgga tatatcgagc ttgggcagga aatggttcag cggccaggca tgttgtacgg 540  
 gaggacgacc gtgggtcatt atgatcaagg ctcgctcgcc ttcgagaaaa tngatgagta 600  
 actggaagaa agtgtagatg gtaaaaggct gaaggtgact cgtcagttat gttcatagct 660  
 gcctagctcg ccagtaatac n 681

<210> 7197  
 <211> 654  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7197  
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 cattcctgct atcgcgacga ccaccgcgct ggttactgga ctcgttgccc tagagttcta 120  
 caagattatc gacggcaagg atgacattga acagtacaag aacggctttg tgaatcttgc 180  
 acttccgctt tcgggtttca gtgaacccat tcctagcccc aagggcaaat accagggcaa 240  
 ggagggtgaa gtgaccattg atcagctttg ggatcgcttc gaggtggacg atattcctct 300  
 gcaggacttc ctcaagcact tctctgacaa gggtttgaa atcagcatgg tcagctcggg 360  
 agtgagcttg ctgtatgcca gtttctatcc tccctcgaag gtgaaggacc gtctccatt 420  
 gacgatgagc aagttggtgg agcatatcag caagaagccc gttccggaac atcaaaagaa 480  
 tatcatcttt gaagttacgg ctgaggatac aacggaggag gatgtcgaga tcccttatgt 540  
 gatggtgaag ctgaggaagt aatgtgccgc atctacataa aatctggccg ctagaatatg 600  
 gcccctatgg tacctcaagt ttataaacia tgatatatga cttttttctt cttc 654

<210> 7198  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7198  
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 aaactttcga gcaagcgcat caatcccaat cccagccatg tcttcagctg aggtgagcg 120  
 cgatccgaac cccgccgaac tggccgaccg cgagcgtgag gaaaaggagc gcaaggccaa 180  
 ggaagacgcc gagcatcgcg aagctgccat acaagtggc gcacacaatc aaagacgtgg 240  
 acgtgacgat tcctgtgccg ggaaatctta gaggaagga tctggatgta gttttgacta 300  
 agactaagat caatgtggcg gttaaggggc aggagcctat tatcgaggga gatcttcctc 360  
 acccggttat acttgacgag tgctcatgga cgctggagac gacatcgcaa cgcgccgaa 420  
 aggaggtggc cgttcatctg gacaaggtga ataatgtcga gtggtggtca catgtggtga 480  
 cttctgcgcc caagatcgat gtcagtagga ttacgccga gtcacgaag ttgagtgatc 540  
 tggactgtga gaccatggct atgggtgaga agatgatgta cgatcagcgc cagaaagata 600



atggtggcct gaacagcgat gagcagcgca ggatgggtca tctgaagaag ttccaagcgg	660
aacatccgt	669

<210> 7199

<211> 507

<212> DNA

<213> *Aspergillus oryzae*

<400> 7199

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cgtaacgcta tcgccagcgg tgacgttgat gttgttgctg tcaacgaccc cttcattgag	180
actcactatg ctgcctacat gctcaagtat gacagcacc acggtcgctt ccagggtacc	240
atcgagacct acgacgaggg cctcatcgtc aacggcaaga agattcgctt cttcgccgag	300
cgtgaccccg ctgccatccc ctggggctcc gctggcgctg cctacatcgt cgagtccact	360
ggtgtcttca ccaccaccga gaaggcctcc gctcacttga aggggtggcg caagaaggtc	420
atcatctctg ctcccttctg tgatgcccc atgttcgtta tgggtgtcaa caacaaggaa	480
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<210> 7200

<211> 677

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 7200

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gcgctccctg acaccaagg atgcgaacgg caacgcacc ggccagctct ccattgcccgc	180
tgctctggcc gccgggtggg cggctggtat tgccatgtgg attcccgttt tcccgcgcga	240
taccatcaag tcgcgcttgc agagcgcccc cggcaagccc acaattggcg gaactatccg	300
cagcgtctac gccagcgggtg gtttcaaggc cttcttccct ggatttggcc cggctttggc	360
cagagctgtt cccgccaacg ccgctacctt tgccggagtt gagcttgctc acaacttcat	420
gaagaaattc tttgacgacg agtgaacgg agttcaatcg atttagcgat atctgacaga	480
aaaagaacct cggctatggt tttgttagatt tattgttgat tttatgtctc aaatttggcg	540
ttcctgtgtt ttttgtttgt ttagatcttt gagcatttag cgcttgatt tcctgtttcc	600
agaacttaga cttgatgttt ccttgttgnc tagattggtt tctaggaata cccatgggta	660
cccgttgtt acagctc	677

<210> 7201

<211> 795

<212> DNA

<213> *Aspergillus oryzae*

<400> 7201

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accgtcaaca tggactcaat cggggactga catggcaatt gactatagca ttcgtctcgg	180
ctctactgcc cccaacttcg acgtgacac ctccaacggt cccatctcct tccatgacta	240
cattggcaac agctgggcca ttcttttctc tcaccccgat gacttcaccc ccattctgcac	300
cactgagttg ggcgcttttg ccaagctcga gcccgagttc actgctcgtg gagtcaagct	360
gatcgggtctg agcgccaacg gcaccgactc ccacaagctc tggatcaagg atatcgatga	420
ggttaccggc tccaagctca ccttcccat cattgccgac cccgagcgca aggtcgctta	480
tgccatgac atggttgact accaggacac caccaacgtt gactccaagg gtctcgctct	540
gaccatccgc tctgtcttca tcatcgacce caacaagaag atccgtctca tcatgtccta	600
ccctgcctct accggccgta acaccgctga ggttctcgt gttgtcgatg ctcttcagac	660

cactgacaag	cacggcgctca	ccacccccat	caactgggct	ccccgggtgat	gatgtttgtca	720
tccccctcc	tgtctccacc	gaggatgctc	agaagaagtt	cggtgaaatc	cgcgcggtca	780
agccttacct	gcgtt					795

<210> 7202  
 <211> 542  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(542)  
 <223> n = A,T,C or G

<400> 7202						
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tagagggtag	catgactgtg	aagaccaccc	ggaagactta	tgaccagcc	gcaattctca	180
aggcccgtag	tcttatcaag	ctgcttgcca	gaagtgtgcc	tgtgcaacag	gctttgaaaa	240
tcctcgagga	tggcgctcga	tgtgatatca	tcaaaatccg	aagccaagtc	cgcaacaaaag	300
aacgtttcgt	taagcgtcgc	caacggatcc	taggaccgaa	cggttcgact	ctcanagctc	360
tcgagctctt	aaccagact	tatatcctgg	tgcaaggaaa	cactgtctcc	gcaatgggtc	420
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cc						542

<210> 7203  
 <211> 689  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

<400> 7203						
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gtcagaagac	gacttcgacc	caaaatccta	ccggcatgag	cacaaccccg	gagacttcga	180
gatcgattct	ttcaagatga	gcgatgtgct	agtcacggta	taccagccag	acaatttttag	240
accgttttct	gttagtatat	tctcttgcca	cctgccacaa	ctgagaaaac	aatggctggt	300
ttatgacttc	atgtcagcca	atatgatgtc	agggtctttt	gacaattcgt	tgttcactat	360
tcatccacgg	cagactcaca	gtttcaccgg	agcacaacta	gacaacgggg	taggagagga	420
tggcagagcg	agccattgga	agaaacatag	caggatacgt	attgatggtc	tgaatatcga	480
tcattctaaac	cgcgaggtac	aagggccatt	ttcatggatc	catgaaggaa	ccgtcgacat	540
cgttgcogac	attatgtttc	caacagataa	tgatgaaagc	ctaaccaagg	taatggctga	600
catttatgat	cgactagaag	caactgtcac	atctactcat	taccgngatg	cattattgga	660
aaactcagct	cagcctgggtg	aaacttcta				689

<210> 7204  
 <211> 837  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(837)  
 <223> n = A,T,C or G



<213> Aspergillus oryzae

<400> 7207

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ttatcttcag	tcgatcgctt	tcactttaag	gaccgcactt	tataacccca	ctccattgtc	120
tcctcaaaac	tacctcacta	caaacgacaa	acaattcatt	ggtctacgag	ctcgtgttct	180
tttacttttc	tttcataatt	acatccttgt	aacaagagtt	agagagcaac	aatgtctact	240
gtcgcgcaaa	aacgtctttt	ccacgagtac	aagaacctat	ccaccaatcc	gccagatggc	300
atcaccgccg	gccccatcac	tgaagatgac	atgttccatt	gggaagccct	gatcgagggt	360
ccacaaggca	caccctttga	aggcggtgtt	tttgctgccg	agttgaagtt	tccgaaagat	420
tatccgttga	gtccgccgac	gatgaagttt	gtgggtggag	gggtttggca	tcctaacgta	480
tatcccaatg	gaaccgtgtg	tatctccatt	cttcaccttc	ccggtgatga	tccgaaccac	540
tatgagcatg	cgtcggagcg	gtggtcaccg	attcagagcg	ttgagaagat	tcttatctcg	600
gtcatgagta	tgcttgcgga	accaaataac	gagagtcctg	ccaatgttga	ggcggcaaag	660
atgtggagag	aacggaggag	cgactatgag	cgcaagggtc	gcgatgaggt	acggaagggt	720
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<210> 7208

<211> 685

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 7208

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cgtccacttc	cttgcccttc	ctgagggtgcg	tgaggagttg	tttgatgaag	tggttgagag	120
gcgtgtatct	cggatgcaaa	aggttatcga	aatggcccg	gtatctcgtg	agcgcgcac	180
tcttgattg	aagactcctc	tgaagacgct	tgctgttatc	caccaagacc	cgcaattcct	240
cgaggatgtg	aagtctttgc	aaagctacat	tctcgaggaa	ctaaacgtta	tcgagctcat	300
cctgtcatct	gacgaggaga	aatacaatgt	ccagtatagc	gttactgctg	attggccgac	360
cctcggaag	aagctgaaga	aggatgccc	aaaggctcaag	aagtctttgc	cttcgctcac	420
cagcaatgat	gtgaagaagt	ttgtctcaga	caagaaaata	cttggtgatg	gtattgagct	480
tggtgaaggc	gaccttatcg	taagacggng	tgtcaaggaa	gacgcacat	ccgagggtat	540
ggagcccaac	gccgatgacg	atgtgttgac	catcttggtg	gcgaacctgt	acccggagct	600
ggcgccacaa	agactggngc	cggaatcat	taaccgtctg	cagcgtcttc	gtaagaagcc	660
cgcttagttc	ccactgacga	tgtan				685

<210> 7209

<211> 739

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(739)

<223> n = A,T,C or G

<400> 7209

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ggggtacgaa	gggatactaa	cgtgatcaac	accgacctga	gtgcggcgcg	cataatccac	180
gggtccattg	acgaagtaga	catgccgttg	gaccaattag	atgttgacag	tggttacgat	240
gcagcattgc	gcaatctccg	ggatcgagag	gaggtgcccg	agcccccggt	ctcggaaggt	300
cagctgcaag	aagactacta	ccgggcggtc	cgtacctaca	tggtctcgat	ctggatggtt	360
gccaacgtga	tcctcgccat	ggcgggtgtc	gaggtctacg	gagtggaact	gggcggcact	420
aacatctacc	tcgccatcat	cctgggggtc	gtgaccggag	tggcgttgat	ccgtgtgatc	480

ggctcgacga	cgtacgctat	tttgcacgtg	gtgcagaagc	tggtggaagg	aaaagccaag	540
ttcgacgcgg	gcaatcttgc	ccattggcac	aggagggcga	atttcaatgc	cgggaaacggc	600
agcacagtgc	agtatggcgg	cggggggcacg	tttatagata	agtcaccgag	gcgaaatggg	660
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<210> 7210  
 <211> 678  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7210						
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tgctcatgga	tacagaggtc	ttggagaaca	gtcaagagtt	agcgcgctcg	aggacgatgg	180
cgatatggat	ggcggactca	atggggggccg	cggcagcatg	gccagcgagg	gtgaggggggt	240
ggctatgatt	gcccaggacc	ttggagagga	ggagcacgaa	gaattcgact	tctctgaaat	300
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tgctgctacc	ttctacttgt	ggttcactct	gacaatcgcc	attctctgtg	tcattggaagg	540
aactagcgct	atgcttcatt	cgcttcgtct	gcactgggtc	gaggctatta	gcaagcattt	600
catgggcgaa	gggataccat	ttgcttcctt	tagcttctaa	ggcgctcctc	aaagaggatc	660
ccggtgactg	atttgaac					678

<210> 7211  
 <211> 679  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 7211						
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ctttatacct	aatgggctta	taaccatggg	cctacatgcc	cttgcttaat	ccggtccttt	180
aaaccgggga	acgtttccat	cgccgggttt	atcgattgaa	accaccaccc	gtaaagcaac	240
ccgcaaaaat	ggatccaccc	gattagaacc	ccaccaacca	aggttaaacc	agcaaaaata	300
tgaaccgtgt	caagtggacc	caatcgtgcc	attgggatca	ctctagatcc	ttgaaacaca	360
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tcagggcagg	gagaaaggga	gaatnagact	ctaaagtgtg	caacaaacag	ggcgacaaga	480
gaaaagaatc	tatgggcaca	taatatcaat	aataataata	ctacaagtct	caacagaatt	540
caataaaactc	ctgagagttg	tcaaaataac	gcaggtgaaa	aatttgggta	tcgggttaaaa	600
aagaattgcc	atcaggggta	ttttacaccg	gaaaaagtaa	atggggggtcg	ttgtggataa	660
ggaaaaat	gtcttgttt					679

<210> 7212  
 <211> 588  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(588)  
 <223> n = A,T,C or G

<400> 7212

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gttctctttg	ccaacatgcc	aatatgaggg	cctcatatac	cacccaaaacc	tactatttac	180
ccatcagtg	tgatttttga	agagcttcac	tgaaaaaaaa	gttggatgaa	agacgtacat	240
tatcatgtaa	taactcaccg	tcttcacgct	ctattacgac	caaaatccca	caagctgtgg	300
cccaggccg	agcttcgtac	agcacggaag	ccaccgcggc	cggggagcct	accattcacg	360
ccgtatttga	gacgaagaca	ggtacatggc	aatacgtggg	cgctgaccca	tccacttttg	420
ctgctgtcat	catcgaccca	gtcttggatt	atgaccagc	cagccaagcc	gttaccacct	480
tcgctgccga	ttcactactc	tcattgggtc	aggaaaaggg	ttacaaagat	cgacaggatc	540
ttggagactc	atgcccacgc	aaacatntc	actggagcgt	cttatctn		588

<210> 7213

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 7213

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agtctacttt	gaggattccc	tgcaattcct	gatgcggagc	ccggaagcgc	cggggccaga	120
tgccacatca	tattaccaca	gccaagctac	tcctatgtcc	agatggccga	ttctcctcga	180
ctcagccctc	cttttgcttt	aggattctca	tacccttgca	tctgaatggc	tgctatatcc	240
agtggcatcg	tcttccattt	tctttgttga	cgctgtcaag	tccgaatttc	gcaggcaaat	300
tattttggaac	agcgtccagc	tatcaaattt	cacgagtcca	gagacgtgtg	ggtctccctt	360
caaaagccaa	gaaacgagtc	cgggatagca	atggatggaa	aaacccatcg	agtgcattag	420
cgtgaatcat	ctccactcgg	gatttgcaac	ggttgaaagg	gatctgggtg	taaacgccgg	480
ccactacagc	attctgagga	tcttgtgcgg	tgaagtctcg	gaaagagtaa	tgacctttag	540
cttcactttg	acccttttag	cttcaagggt	tctttcccca	cactcggccg	cctcgtgctc	600
aacactagt	agaaactttc	ctattcattc	acggtcgaga	tccttcgtgg	aactgattcg	660
tgtctacgtc	cacacggccg	atatacgtt				688

<210> 7214

<211> 650

<212> DNA

<213> *Aspergillus oryzae*

<400> 7214

aggaattttt	tttttttttt	tttttgcgac	caagataagt	atatttggtt	tgctaaatgt	60
gaatatatag	aggaaaatga	aatgatcgta	tgtgatagta	taattctggg	tatagtgatg	120
aaccaatttg	aaggaaagga	aaaagggaac	caaggggaaa	ttatttataa	aaaagggggt	180
ggattccctt	ttttccttat	ccctgtaacc	cccctttttc	caattgggtt	tggccatccc	240
cagcaggtat	tgcaaccggg	gaaggtttgc	tctaaacctg	cctttggcac	ggtcaaaaac	300
caggggaata	tgggcacttt	atccgatagt	gtcccacaca	tgtcggatta	agcgcgttga	360
acacgagggt	caatttggtg	aatgttcaca	atttttgcagg	tttttcactc	gcgtctctgg	420
accaacaagg	gtcaatgtta	tcgaattaaa	actcaatggg	caccattctt	ggctgctcgt	480
atagtggaac	cgggactttg	aactttggac	gtccccaat	cgataaaaag	cccctgatcc	540
gttggggacc	ggaatgatcc	atggggcatt	gagtatcgca	cttggggacc	tttctctggg	600
aatggcggtt	aaaacccctc	agggggggcc	ggaaaacggg	gccatttgcg		650

<210> 7215

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 7215

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gtgctgggga	gaaagctgca	gcatattact	gcccgctctg	cgcaacacgg	agacggaccc	120
tgtccacgcg	tcggaacggc	atcgtttctc	cccggctaga	agctaaacgt	ctctctcttt	180
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tgagggagct	atatgaggcg	ctgaataaga	ttcaaagggt	ggccacggag	caggtgaata	300
tcagcgaggt	gcagcttgct	ttgcgcggat	tggagagtga	aacacccata	atccgtgttg	360

ctgtttctcg	tcttaacgat	gcgactgccg	cgcggaagct	tgtgcgcttg	ttactcgccg	420
atccattaaa	tacaagggag	agctgggagg	atgcactgga	tgccctacgac	tctgatcccta	480
cacagggctt	gctgattcga	tacggcggaag	tatcagagtc	cattccgaac	aacctttctc	540
ctactatctc	cgtgccctcc	cctatccctta	agaaaggcaa	ccttgaaatc	ctaattgtcta	600
ccttaggtgc	tgagacagag	ttatcggatg	ccccatttac	gggagataca	ttccttgtcc	660
cacagtggag	aatccgactt	cacattcc				688

<210> 7216

<211> 616

<212> DNA

<213> *Aspergillus oryzae*

<400> 7216

caactgcctc	tttcctccct	ccctccctac	aacaggacct	cccctacaca	attcaaaaaa	60
ggggcaagat	cacaattccc	acattccctc	ctcattgacg	cgcaataagc	caaaccaacc	120
tcgctcaatt	cgctttctgg	ttctgtggct	ggccggaaat	ccggggaaag	cttgtaaact	180
tcgggcactc	cctctcccga	cttacttctt	ctttcttgag	tttttttttc	ttgtttactg	240
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atagcttttg	caccatgtcg	gactctgtgg	atcgagtctt	cgtccacgcc	ctcaacaccg	480
ttaaacgcat	ccccgaacc	ggtaccgcc	ggccaccgcc	ctccgagcga	ttgaagctct	540
atggcttgta	caaacaagc	atggaaggcg	acgtggaggg	ggtaatggac	cgaccggtcg	600
ggattacaac	ggacgt					616

<210> 7217

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 7217

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agcccgtgct	caactagacg	aagaaagaca	agaactggac	gactacattg	caaaagtgtt	120
caatccgcgt	ggatgaacgc	tgcatataag	agatttctgc	actccataca	gaatacgact	180
cagagcatgg	ctagcttgat	gatgagaatg	ataatatcaa	caactcaatg	acaaaccaat	240
agaatttgtc	tcacactagt	ctcacactat	gtgggatgta	ccatgggatc	taacgctcgc	300
ttgcagctcg	ctctcaaaat	cgttcaggaa	tatctctagc	cagtgaagat	cgacgaaaga	360
aagcctctag	attgcatcga	agattcattg	gagattcagt	agctctctag	caactggatc	420
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tggcgagcat	gattctagga	ttcaattcac	gatgggatga	tgacgggact	gggacataac	540
cagaatcttc	tcgacgatgt	ttctgcgaat	atggtcaaga	tcaatgccgc	aaccaatcga	600
tcatccacct	taatcgaatc	tgacatgcaa	caaactctga	gaattgtgta	taccg	655

<210> 7218

<211> 684

<212> DNA

<213> *Aspergillus oryzae*

<400> 7218

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gaagatggaa	tacaccattc	gttgtgatgt	tgaatccggt	gacgtggata	gccttagcca	120
agagttcaag	acggagaatt	gcgtgtatcc	ccgagcctgc	tgacagtaagg	accaatacag	180
aggtaacaga	ctactctacg	aaactgaatg	ttatgctgtt	ggatgggctt	tggcatagct	240
taaccacaga	ttgaggggaa	agcggagctt	gattcaacgt	gcggttgaca	gctggaggaa	300
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acggcaaggg	ctgccagcac	aaccaccttg	ctcatatggc	cactgctacc	acctgttgaa	420
cccgggtgtc	ctggcgctag	cctgacagct	tccagtccac	ggtcgtaatt	gggttctcta	480
gccatggggc	ctccgcaact	gcataaccac	catgcttcac	ccgaggggaa	tacgatgtat	540
gaggaagtta	acgggatgtt	ccaccaatat	gattcgtttt	tcccccttt	ttaagaatga	600
taaatggggg	ggttggtcta	atatcatgtt	cctccatttt	tatttataag	ccccgggcgg	660

gaggatttcct ttttgaacaa aggg

684

<210> 7219

<211> 688

<212> DNA

<213> *Aspergillus oryzae*

<400> 7219

ccccgtccca	tcctcgtcac	agcaaagcat	caagaacagc	tcgaacagct	gctcaacgct	60
ttagtcaccg	ccatcgtaga	tattgtaaaa	cgggtggtgga	cggatctgga	tgcccgatcc	120
cccgagcgca	tgctctaac	acgagatgaa	gaagatctgc	tgcggtggct	cgagcaccaa	180
cattcccata	acgggggtgcc	ctacgaggct	cgtctgggct	cttgagagacc	ggactttctg	240
gttggggact	acagcgggtg	accctcgacg	gaaacctacc	gtctcacaga	gattaatgca	300
cgtttttgtt	tcaacgggtt	tatgcaccaa	gcatacggac	aagaaggcct	gagcgacctt	360
ggtgcgggga	ggaatggcct	catccatgog	accgattctt	caaagatcct	agatgggctg	420
ctcagtctct	tcaatcctga	ccgcccattg	cacctgctca	aggggtgaaga	gccgggaatc	480
gatatccaca	tgtttatcga	cttcgtgtat	cgtcacattg	gaatcaagcc	ccggctgac	540
acccctgcag	atcttcgggt	aaattccgaa	ccccaaaagt	aaaatgggtc	taagcctctg	600
ttgtttgggt	aaaagatcaa	cagaatgctt	cgtttataaa	tggataccct	tttctgttta	660
ccactaaagg	ggaggggtgtg	gaaaaagc				688

<210> 7220

<211> 622

<212> DNA

<213> *Aspergillus oryzae*

<400> 7220

caaactttcc	agcgcgacat	ctaccagcag	aggggaattc	tcagcgcaac	aattgcacca	60
gactattgat	caatatgacg	agtacagctc	cgacggaatc	ccaaaaattc	ctctccacca	120
caggggggga	ctatcaccta	tcaatgatac	ctttgaattg	acggcatcag	atagtctaga	180
gacaaatgaa	tacgttatgt	aaataccaca	aataattggc	atcgtatatg	cctcagcgat	240
acgtgtcatg	atcgtgaacc	cgcgatgcta	taaaaacagg	tgagaataga	caaacactca	300
gaacacgccg	gtgacatgac	cacgtgatat	atttataaca	gaaacatctg	acacgatagt	360
cttgatatac	atgtacttat	gatacacacg	atattcgtaa	ctttgtcgac	acaagtctca	420
tgacaatgat	atatcgacat	gccgagagat	aagagtgtcg	atcacgatat	aatatcgtga	480
tgaagtgttc	tcacatgccc	agcgaataga	catctcctca	ttagaaatcc	ttatagttga	540
catatcttcg	tatgcaatcg	tgatcatgtc	gaatacttga	tggagatgac	gttaattata	600
atttcatcat	cgctgcatgt	cc				622

<210> 7221

<211> 628

<212> DNA

<213> *Aspergillus oryzae*

<400> 7221

agatcgatgg	ttcgtatcta	cacaagcggg	cagtgaatgt	ggttgacaac	gatccttttg	60
caatgagcgt	ctacacgctc	aagggaattga	tctggaggga	atgggggaaa	gattgggaac	120
cgcgaccatc	atcgacgagc	tacattcgac	tgaactcggt	tggtaaattg	ctcgacgata	180
aagcgccctc	cacagactcc	aaattcagcc	gtgaagcccc	taatgtgggtg	cacatgacag	240
tcaaacctca	ggaacttgtc	gatgaggatg	acgcaaaaagg	tcctagacca	cagtaccgcg	300
gcgaacgtgt	agccagtgga	cgcgacccgg	ggtgacgttg	tataaaccaa	caggctcatt	360
ggctcctgct	tatgaacata	ccgatcatcg	aggttgatc	cttatccagc	tctcgacgta	420
acctggtctt	ccggttctga	cagtgcacgt	ccgtggtctg	ttgactatca	cacgatgtct	480
tgtctagctg	ggatactctt	ggtggccatg	tgtcagtag	gtcgcataat	gccagccgtc	540
tatcctgctg	ttggaatgct	ctccatgtac	atgtgagcgc	tttggcacgg	caatcggaca	600
gtgcccttga	tgctcgatat	ctacgttg				628

<210> 7222

<211> 303

<212> DNA



<213> Aspergillus oryzae

<400> 7222

ttcgtgtct	accgcatttg	gtggtcgttc	tggttcaact	tcacctactt	caccttctct	60
tcttcatagc	ttttctattt	ttcatattct	ttgattatct	ttatccccat	ctatcgatcc	120
catagcgccc	tgcgattcgc	cgtgttgaat	atcgatctat	cttccctctg	ctttttgtcg	180
gatttcgaga	taccggtcta	cgttgctttt	cccaccgcca	acaacaaccc	acctcctcat	240
aacgccctaa	ccgttctcca	ttcgactggt	cgcgcgcgcg	gcattctctg	tcactgcaat	300
tgc						303

<210> 7223

<211> 303

<212> DNA

<213> Aspergillus oryzae

<400> 7223

aaactccaga	atcactcagt	ttacatacgt	cggctagccg	tcttcaccgc	aacatctggg	60
tatcgcaagt	tacttcgcta	ctacgtaatc	agcatacccg	tgccccctct	ggccttctctg	120
ccttgagttg	ttcggtattt	ccagcacttc	tatcgcaaca	aacaggccca	gggagtcgaag	180
acattaatag	gtatctaaga	tggccgatgt	ggagatgaaa	gaagcgtctg	ctgggtgcttc	240
agccaaggga	aagggagcat	ctaaggcctc	cgaaggtgcg	agtgatggca	aaaagaagtt	300
cga						303

<210> 7224

<211> 673

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 7224

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ggtactgcgc	gatctgcggt	gttagcttca	ccggcatgca	catcgagtcc	ccgtcggaaa	120
ccgcatcgca	acgacgaaga	ctgtggattg	agaagagatg	tcgggcgctc	gaggccggcc	180
aggacatcag	ccaaattcct	accgaagaaa	atgatgcccc	cgtgcgcagc	tacgaccttc	240
gtttagtcca	caccgataac	atctcctggc	tctacaaggc	atactgcctg	ggatcgaatc	300
ctccctccgg	tacttcgaag	acgaacaaa	cgtttattgc	tggtccggga	tattatgcgg	360
atattggaga	actagtgggt	aaacccccga	atgatcaata	tcagccgtcg	tcccggaaaa	420
ccttcatgtg	ttatgactag	ggaacctgag	acgcagccgg	cccagtcctt	ccattccatt	480
ggagctgttt	cgaaatcttg	accgagtc	tcacgggttc	caccgagatc	agccgtgtca	540
acctcaaacg	ctcttacggg	gtcatgtccg	gtttgaccaa	ccattcctcg	ttgcatctga	600
actacggaaa	cgatatttca	cggtcgcaag	gcccgtactg	ggaatgcatt	cctgggtgcan	660
agtactgtgc	cca					673

<210> 7225

<211> 712

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(712)

<223> n = A,T,C or G

<400> 7225

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ttgcacgagt	gtttcgcaca	ctggctctgga	ttgtggctga	ctgctttcct	tcggataact	120

cagatcggtg	tcgctgtcct	ggtgctttct	gagacgttgt	aaagcgaagg	aggaccgggc	180
aacaagcaga	gcactcgcgt	caggagtcac	attaccttct	acctcaagta	gcttctgttt	240
tcactcttcc	ttccgggacc	gcggtagaag	tttctcttca	caccacatcg	gtgtttctgc	300
gaaattgatt	gtttcccaact	gccggtttcc	ttgcaatgcc	tcttcgatct	cttaacttct	360
tccagcaaca	acccacttca	actcgctttc	catcgttatt	gaactttgag	tcagggttgc	420
gatcaccttc	ttatgcgaaa	ttaataatac	tctacctatt	gcctccttag	tctcncgata	480
aagccgtaaa	gtaaaataat	attctgattt	gtctaattca	acgtattctt	atgtaaccaa	540
tgttactacta	attgctacat	atgccatcga	tctctaatac	cgttccctac	cttattatga	600
aggatgatgg	agcaacgctg	aaccttaacc	aatagcccta	ccgtgttatc	atactcattt	660
gtaatgtatt	ctctctcttt	aacgttatgc	cttcctataa	gtgatgtcac	gg	712

<210> 7226

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(672)

<223> n = A,T,C or G

<400> 7226

cagtcctctg	gcaatctctt	gtaaagtaat	aacgagaagc	ataccagtcc	tcccacaacg	60
agcaggttgc	taacaccaaa	tcctgaagct	tcgcgtttcca	tcaaatcgaa	aagaagagaa	120
agctctctac	ttttcatgga	gtcacgagat	tgacgattgt	tagcctgata	gcctgcgtct	180
tgcccgctca	gccagctgca	ccgaggagaa	tctgagcggg	ccactttata	tatatgttct	240
gcctttatcc	cacccgcaca	atcacctcac	cttgctggtg	atattgcaaa	cggacattgc	300
ttcaacgacc	gaggccatca	tgattttaaac	gaactataaa	tgactcgagc	atacagattc	360
agccaagcgt	caaaagggga	acatctacaa	ccaatgataa	tcaccaaaga	tggctcttgc	420
ttttctaatac	tcacattact	tacacaacct	acattnttgt	ttgaactttc	tcccacacta	480
gcccgtcctt	gtttttaaacg	acagctatct	tttggtcgta	ctcaatgcan	ggaagggctc	540
tcgtatgctt	ctatcggnta	tgacatgact	tgcacatacc	tatttcctac	cggctggcta	600
aatcgtagtc	tggtccccct	tttttctcaa	ccttcgcggg	tttctctctt	tgtctgggtt	660
caatcgcgcc	gc					672

<210> 7227

<211> 304

<212> DNA

<213> *Aspergillus oryzae*

<400> 7227

ccgtcgctct	gaacccgagc	tgatcgtaaa	gccaccgtgc	gtcgggctga	atcagtcgcg	60
ccaagacgac	gcgatagcct	cctcactggg	tctattaaca	cgctactggt	cagctactat	120
tattacctac	tcgtctagcc	gccccaaagt	atcgctagga	aactttccgc	ttcgggcatt	180
gagcttatcg	cgggggttata	attgtgggat	tggtcaaggc	gaaaggcggt	ttgctttatt	240
aggctgcacg	ttgatgtata	gggggtcaggt	ggtgattgac	tatttgagtc	ttcgtccctc	300
gtgt						304

<210> 7228

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 7228

cttcaaattc	atttcgcttt	tcattctcct	tccttcttta	tccttttttt	gattcctctt	60
------------	------------	------------	------------	------------	------------	----

aaccctacat	atactctcca	ctttctagaa	ctccatctat	cactatggaa	gcgcttgtgg	120
cccaggccat	caaggacacc	gcgacctttc	ggaagacgtc	ggtgccatgg	accttggacg	180
agccttatac	ccagacttac	tatgggtttg	accccgcaac	atctacctgg	gtctccaagt	240
cgccatccgc	cctcggaaag	tcgagtaaga	atgataatga	tagtctagcc	accacagcta	300
ttgcaactta	tacatggaat	atcgacttca	tggttccctt	cgctgcagcc	cgcatgcgac	360
cagcgcttgc	acatctgtac	caactcacgc	gccttctccc	tctacatgtc	gcccctgtta	420
tctttctcca	agaatgcacc	ccttctgact	tggaaacaat	tgctgcgact	ccgtgggtgc	480
aagccaattt	ccatcttaca	gatattgaca	ccaccaattg	ggccaccacg	cagtatggca	540
cgaccgtcct	tgtcggcaag	catctgccta	ttacgtcggt	ttttcgggtt	cactactccc	600
acacgcgcgt	ggatcgcgat	gccctttttt	gtgacgtttc	tactgagctt	gangagaagc	660
gaatccgnct	ctgcaacacg	cac				683

<210> 7229

<211> 304

<212> DNA

<213> *Aspergillus oryzae*

<400> 7229

cctgttcgat	gatgatgacg	atgacgtctc	cgaggctcact	gagatggctg	caggcgtgtc	60
gttgaactca	tctgccgatc	gctcgactca	gagcatgccg	ccttcccca	ctcgcaatgg	120
tcatcttcag	cagtcgcccc	acagaacccg	ttctgatccg	aagatcgcta	caatcagcgg	180
cgatgcccc	gaggcgaaat	tgaccaacaa	agagaagtac	ctacagctct	tcaagctcag	240
ggaagaggac	ggcgagtata	tccaagacgt	cactgagatg	acccgggtcc	ccatcatcct	300
gaag						304

<210> 7230

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 7230

catttccact	tctctctctc	taccttcaat	ttccacactt	cccaacacaa	gtcacaatga	60
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ttgagggaa	gtacacagtc	gcgtcagcgg	gaaccgagct	ttatctggaa	gacgcatctg	180
ggcaaattat	cttcgaggag	ggagatcctc	aggcatgggt	cttcattgaa	gcagagacgg	240
accgatatgc	gatcgtgaac	ggcgtaacga	accagtacat	ccattgcggg	tcaactgagg	300
gtgccatttg	cgaggcctcc	gatgtcgcgc	agcttttcca	gatagacaac	atttccgaca	360
atgtctacac	tttcttgga	cccagagagcc	agttgtcttt	gcatcgtact	acggataacc	420
agctggatct	ttcgttccct	acccccacca	acgatgagag	ctttgagttg	actcaggctt	480
catcttaaaa	tattgaacat	accctagcca	agggccgaga	atgaaggagc	gttgataccc	540
gaacgtgagc	ttggtggctg	tgctgcgact	agaattactc	tgcaagaact	tcaacttggt	600
cagagtaatc	taactagggt	aatcaagccg	ttacacttta	tagatagtgc	acgtattcgg	660
aatttccgga	tacataantn	gactat				686

<210> 7231

<211> 682

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(682)

<223> n = A,T,C or G

<400> 7231

gcacgacgag	accgactacg	gcggagagag	aatcatatgt	cagactttgt	ccaccgaact	60
atgtgtgaac	acgacacgcc	gaagcgacgc	gatgttcgtt	tgatctcgac	ctttgaacct	120
aatttaacga	cctgaatccg	ctacacggca	tccccctttac	tgattggtag	ggcttttctt	180
catctgttgt	tgcggttatt	gacgtgcagt	tcttcaacac	atgtccatat	cgtcattgac	240
gttccgctcg	aaacggaaac	ccaatagaaa	ggaggggctg	cccttactat	cgtgacatgt	300
ggtcgatctc	atcaaaaact	tttgttttgc	gttcatcgca	tttgtacaaa	cttacaaggg	360
gctggtacat	ttctacggga	cacatagctt	agccatcgat	tgtccaggga	gacatgcttt	420
cacgacacta	tgcgttatcg	atcctcacga	tgcgagacag	cacggctact	agtccacgta	480
aatttaacgg	aagctatatg	cgtcgtgccg	ttggtgccac	gcagtctatc	tactaccatg	540
caacttatcc	ggaaatgccc	aggtctggtc	aaagttataa	ttctgaacgc	ctattatcca	600
gtcaatggca	aagattttct	caattaacgg	cgtcgtgtta	ccccttcttt	catcgctagc	660
tccgaaaagg	ctggntagat	tn				682

<210> 7232

<211> 653

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(653)

<223> n = A,T,C or G

<400> 7232

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atgtgccggc	gataccgtgc	agaaagggct	cagcgtagcg	ttggataatg	tttctcagtc	120
aaatatcaaa	ctggaggggc	tggacggggt	aatatcatgc	atcaccaacg	ctgctgccga	180
ggtcaccgat	attgcgacta	ttactcagga	tccgttagga	tggctgcact	ctttggactg	240
cacggaacaa	ttcttgggag	gcgcggaggg	cctggcagaa	ttagggcata	acgtgcagca	300
agtggaaaac	cttctctccg	tggtcgcggc	gcagactgtg	ggaggtatag	tcaaagtgtg	360
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tgcggggagg	aatgctggat	caagggttat	ctataataat	tgaatcttt	tcattggagg	480
tttctgtct	ggttttgga	ctcgtttgtc	gttatatact	tacccttttt	tttctccttt	540
ntgctgtcct	ttatccttcg	ccatgtatat	cttggctctc	cactttgtgg	tcattttgta	600
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<210> 7233

<211> 583

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 7233

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ttgcataaac	gcttgtcctc	cgtgcgaact	ttctcccga	tatatcagcg	gctacttata	180
aacacccaaa	gcccccttc	tgaacaagtc	ttcactatgt	cttgtgggtc	ttgcgcgctc	240
ctctctcact	aaattgccgc	tctccggcga	attgatggca	cacaactggt	ttcgaaact	300
ggtgcgcgac	tgttgcgaaa	agccgttgaa	atagtgaatg	actgatctgg	tcacctggaa	360
atcaaattaa	atcttgtcaa	cgcaacccaa	cggaccttga	ggagaccctg	accactattg	420
ccaccaagtc	cgcagtcttc	ctactgcagt	ttgactcttt	tacttctttc	gccttctccg	480
acttttgnta	gcacttctgc	agcttttgcg	ctggctctag	aagcaggatc	ttcttgaggc	540
gttaagcggg	gctaattcat	catctatcta	cttattgata	ttc		583

<210> 7234

<211> 149

<212> DNA  
<213> Aspergillus oryzae

<400> 7234  
gccttttaaag aggggagtaa gcaatatctc tagtcctatt gaatacgatc tgcccgtatt 60  
taaaggctca cctagaagga ggacatatag cacacgggca gatcgtattc aataggacta 120  
gagatattga ataacattta catcaagcg 149

<210> 7235  
<211> 687  
<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(687)  
<223> n = A,T,C or G

<400> 7235  
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accgtattta ccgctgacgt acatgataac gtgctataga tactgctagc ctagataggg 120  
tctcggaggg ccaccatgcg cgcattgtcg cgcattgctag cggttggtgaa tgggtactcg 180  
cggaccccaa agtattcacg gcctgttacg cgaaggctgg cttcgttgca agagcctgct 240  
actgtgccac ctgctccgga accagccgac gcattccctg cctgcacggg catggtgggt 300  
atggaaacag gggagtctgc naagatgctc gactgctatg agaatgcctt gcatcatctg 360  
cagcagctta atggacgcca gatggtccta gatctggtat agtgatcgca cctcgggaagc 420  
tatgcaagca ttcttactat ggacgctagc ctctagctgg agatatctca ggtcagaacg 480  
gagatacgga gaataccagt gctccatggg ggtcaccggg agatggccac atggaggcga 540  
gacgactcac ggaagagcag cgcattgggac tgcttatcca gatcgtgcgt atgctcggga 600  
caattggaat catgcncgac aagctgcaag aagtgggaca tgattcttaa gacaactgat 660  
acctaactca ctgatggatg ccttaaaa 687

<210> 7236  
<211> 660  
<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(660)  
<223> n = A,T,C or G

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ttgctacttt tgccgatgat ttctattgta gccagtgcgg cttgtcggta tccgaaggta 180  
atctgcaaag gcaagaagac ctctgtggcag tcttctccag gcagatgcgg atggatatac 240  
caatatcgctc tggcagtcag gaaatgccat cgtccactca tgttccgggtc gcgcacagta 300  
tctcccaaca ttatcatcac tctctcatg tggtctgctg cacatttcca acaagatcgc 360  
cgaagcatga tgagtccttg ggccatagcg tgactcttaa ctcagcacat gaaatgctga 420  
ggttacagaa catcaaccba tcataactta ccttcacaca attaccgtta tttgagaatg 480  
ccatgccgga acaaccacta cgcttgaatc aaatctggca aatctttcca gaagttaaaa 540  
aatgccttcc ccaactcaag gattaaagcg ggtggaatca accaaaactc caactgtggg 600  
gcaaactctt ttgggggggac aaccgggtcaa taaagggggg tgaaaaccaa ttaacttttn 660

<210> 7237  
<211> 648  
<212> DNA  
<213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(648)  
 <223> n = A,T,C or G

<400> 7237  
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 tcctcaaggg tctctgggat agagctcagg cgcaatcttc agacgaatgg gcctccgcca 180  
 agttatggtc ttatttatgg aacaaacacc tttttgcgga gaaggaatgg gttgtctcct 240  
 ctgagactcc tccggagggg cgtggccgct gacgggtgga tataacgata gaatattttg 300  
 gcggagatag taaattagcg gttctcgcc ttcacgaggg aaaggcattg aatgcggggc 360  
 ctcaagatgt ccaagatgcc gagcaccaag cattcgacgc ttgtatgaga tatctcggag 420  
 aacatcctga gctgncattt gtgtatgctt tcacatcatt tggcacaaaa ggcagagcat 480  
 ggcggtgcgc tcgagagggg tattaccttt tccctttggt cggcttagat gaccttgctg 540  
 agcgctactca ggtacgtgag ttacacttct tagaagccct attattcana aaggccgtcc 600  
 aaatgatgaa ggctgtgccg catctgaata ggactatgaa gccttatg 648

<210> 7238  
 <211> 616  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7238  
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 gcacttcaaa agtccgcgcg ggcgttcgta ctcccataca agattccgag accagttact 120  
 aaatatattcc agtctagtcg gcaccccaga ccaggaagcc ttagacgaat ggaatactca 180  
 aacccccgct caagacttcg acaccggctt tgaagggaaa agcgacgccg agctgcgcag 240  
 attcttccaa gaccgcctcg ataagcacac tgatacccag acaacgagta tttctgactc 300  
 atggcttgcg gtgctggacg ataaatcgcc ctccagagaac gcagtgggtc tacactatac 360  
 atacgacaaa tcgagctggg gaccaggccc gattcctggg ccggcggagg taatggatga 420  
 tgtgatctgg tggaaagtga ggggtgccatt caagtcagcc tggacattct ggaatgcgat 480  
 tggaaagcgt ggggcccgat ccattgaaat ctattcaagg cccgagtata ccagctcggg 540  
 tggtgttcta cagacagaga ttccagagaa gatcattaat ggggagattg aggatccaca 600  
 tgcttagcgg cttctt 616

<210> 7239  
 <211> 694  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7239  
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 caatgaaaca tgggttagac agtgactggt taatgaaaca tcggagtaat ggtatggaga 120  
 atcttgctat catgcaggag gcgtgggcct ggtcagcaga cccgcgccct gtcataatca 180  
 aacccccggg atggctggac gactagacca atcagtacga aaagcttgct ccaccatggc 240  
 ggatgtctcc agggaaagttt gtcgcattac tccggagtaa tgcattgcac tgatgttctg 300  
 gtgactacga atggcctcac tcggaacttt cgctctatcc caaaagccga ggccgattag 360  
 tattgtctct ccattgggtc cttaaagagg catctccact gcagatcgac aaggggccata 420  
 gagccgagtc caatagagga cttcaatggt gggctccggg gcacttttct gggaccctct 480  
 cggctgttct gttgcctttc aaggctagt aatggcgggt cccactcgac aattgtccag 540  
 tgtcggaaaag ccagctttcg aaagccgtct tttgtttcac ttcatattatt gagatgtccg 600  
 gagcactact cgtcagggaa gatgcaaatt gttgtacctt tattaatgtc tgcaaatgac 660  
 gggaagtgg ctgatcatgt ttggttgacc cttt 694

<210> 7240  
 <211> 216  
 <212> DNA  
 <213> *Aspergillus oryzae*



gcggtgcctt	gacatcgtct	ttccagttat	cggccaaaag	ccccggggaa	ccccgcacc	600
tgtaggcggg	tgtaaagggc	aaattcaggg	tctgtattct	tggctctctc	ccgcacggct	660
cggcgcacat	catcccttaa	aaagggaact	ggaca			695

<210> 7245

<211> 736

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (736)

<223> n = A,T,C or G

<400> 7245

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cagcgaccgg	gccttttctcc	gccttttgcc	aatgggtaga	gtagcggata	aacatttagc	120
ggaactgttt	gagaaagcat	tcacagagct	cccgcaacct	acacaagaag	agctcattac	180
tggactgaac	gtcgacgggt	gcaatggcga	agacgcggta	atcctctact	atatgcccgc	240
gatattcgca	gaggctctaa	gggtcacccg	tactgcatca	gatgtaaaga	aaatccaagt	300
tcttcagagc	ctcatgtcat	tcatggcacg	aacatacaat	gatacaaagc	cagttgatgg	360
acatcccggc	gtcattcttg	aacgtgacgt	gtctggggcg	aaggactata	tacgaatgga	420
cggtttcatc	gacgatccca	ccatttttga	tcaatgcgtt	cctccagtag	cgacgtatta	480
atgcaagcct	cctgcacttt	gctttgtccc	gagagactcc	ctaattgtta	ggttcaatca	540
gcattgatca	gccgtcattc	gagattaacg	agaaatgaac	tcatgactnt	cgactattct	600
tactccaaac	cctgacgatt	cgaacctcgt	gatctactgc	cgcacggaat	aaagttgttc	660
gtcaattctt	attcgacttg	ccttatggat	atttctttta	tatgatggcg	ccggacttac	720
tgtgaatgtg	ggctat					736

<210> 7246

<211> 182

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (182)

<223> n = A,T,C or G

<400> 7246

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cacacagcat	gtagtgatat	cgggaagcta	tggcgtcttg	cgtaaccaac	ccctttgctc	180
tn						182

<210> 7247

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1) ... (691)

<223> n = A,T,C or G

<400> 7247

gcaaggcgtt	ccctgcggag	cctgttgagc	gotgccgtgt	tggctgtttt	gagcgtccca	60
tgaccgtgac	cgagggcact	ggaagccgcg	aagtacacca	aggctaccgg	attgcagtcc	120
tcacaagccc	taaggtcaag	acgctcagta	atgtaagcca	catcattggg	cataatgcac	180
caattgtgtt	tggctctctc	agaggcgaag	atggggcgcc	ggctctcatg	ctcaaggcca	240



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aacaagatgg caggagtcgg tccatgctaa tgacgtttca cgacgtcgag gagcgcagtg 300
ctctgcattc totgctgctc ggaatgacaa ccaaagaagg agagattaag acacctgaca 360
tccctatccg cgcttactcc atcgaacagc ctgccgatcg attcaacggt cagccggaga 420
caaccacttt acaatttcct gctgggagtg tgtcggttat tgatcaggaa cacgcctttg 480
tcgaccatca atatggccca actattctct cagaacattt acgagctttc gtggcgacag 540
aatggggatc tgtaacggac cgtatcaacc ttggtcctgg gcgagtgaag ttggtttgga 600
catcaacaac cgtacaggcc ttagtctgta cgggcctgga caacaggatc tgnaccgttc 660
catcgccgag aattcaccng ctctgagatg c 691
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<210> 7248

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<400> 7248

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ctttactctt ctogaagtcg ggcctagacc actccgacct atttacacca tttgatatca 120
ctggcgctgc caaggaccgg ttcgaggcat tacaacagaa tgagatgctt acagctgctt 180
acctttccca gagcgtcgac ctatcagccc ttgggtactc aggaggacat ctacaggaca 240
ccggttcgat cgcgggatca gagcctcgca tccaggcttt tgcaaaactg gaattcgacg 300
atggtcattt ctactgcaac acatattcct ttattctcgg gcgagatgta cgggctgccc 360
gggcccggcca tcagcgcgaa ttgcagggtcc gacagggtcat gagacacacc cgcgcgaaaa 420
gttcaagtgg tggaaatacg tcgcatactc ccattcgaat gaaacatgaa ggcagcggca 480
taataggcag tgctcgtcagt gaccgtgggtg gaattatggg ctttgaccct gatgttcctc 540
cacatcttcc ctctcgtata agtcggcgat cgtccaactc ttcccatgcc gagctgggag 600
ctccgatgca tgcgacgccc gctcaactac agtcgaatac aactgattac aacgctcttg 660
ctatggaa 668
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<210> 7249

<211> 486

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 7249

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aggcgaattg gtggacttat ctgatcgata tatcactccc ctccatcacc tctagttcag 120
cacgcgaacg accgacggca aagtgtagcg ggttgctagg catagcaaca gggtaggcag 180
cgcgacctgc tctctataag aagcacacag tctcgttgag accgtgactt gaacaagtgt 240
aatcagcttt tcaatacagt accaaaggga agcgaaaatg tcaaagatac taacgccatc 300
cctgcgtcag aggttagttg gcaaggagag caaaggatta ggcatacgaa ttgtgtcctt 360
tctagcagct atggttcgga tctgttcgcc tcgtttatca taatctcgca tatatatgaa 420
cgcatcacgt ctaannnnna nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnaaaaaaa 480
attcct 486
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<210> 7250

<211> 646

<212> DNA

<213> *Aspergillus oryzae*

<400> 7250

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gatgcacaca ccacgcactt cgattttgctt gcgattcggt gcggccatca gctccctcgc 120
tgcgctgata gcgttcggat ggtcccagtc aatgttttga agcgacacgg tgatgggtggc 180
tgacttgggc catgaggtgg tcagtccagt caccggggcg accgaatata cctttgtttg 240
tcgctgata atagcatata ttgaattcac cttcccgcgc ccgatccatc cagccatcta 300
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ccttactttt	gacctttg	cttgggctgc	actgggttagc	actctgataa	tatatttgac	360
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ttgtgatgga	aagctcgtgg	cttatgtcga	gcatttcggc	acggccatgg	cttttcttgc	480
tctcatcatc	catgggtggg	tttttggatg	ggcgtggtcg	ggcaccata	aagcgccgga	540
aaagcgaatc	caaagggtca	agaaattgaa	cttgaacgga	ctgtgtgagg	gtaattgaaa	600
gggttcacga	catttttact	aaaatatggg	gggatgagaa	ccggtg		646

<210> 7251  
 <211> 424  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(424)  
 <223> n = A,T,C or G

<400> 7251						
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ttgtttatag	ggaatatcat	ccctatgcat	gctggcggtt	gatgtctgag	ggtacggacc	240
aatgatgaag	tgccccatct	gctggatgat	ctatgctagc	agttgaactg	ggtctgttgt	300
ttgggattat	gactacgaac	ttgggggtgg	ttgagtagca	tcgtgtggta	cgagtagatg	360
tctttagt	ggatactgaa	tacattatct	cttgaccaa	aaaaaaaaan	aaaaaaaaaa	420
aaan						424

<210> 7252  
 <211> 807  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(807)  
 <223> n = A,T,C or G

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gagagactca	tctctgatag	cctgggaagc	tggatggatt	acatggcttg	gttagagtcc	180
gaatgcaagc	aaaaggccga	ccgactgatt	gtctgggatg	tcgaagaccg	agataagcat	240
atgacatact	tcaagggtgga	agatagacaa	cgtcttaagc	aactgcgaga	ctatataacg	300
gattttaattg	tcgtccttca	gactgctgtg	aacactatcg	gtcgcatagg	gaagagctgc	360
caaagacact	gtaaaaatgag	ctgcgctgcc	agagatgatt	gtttctgtaa	ttccatgac	420
ggagagtgtt	ttgaatatga	gacagaagct	cgcgtttacc	tggaacgggc	aaaggtgtta	480
caagagcggg	ttcagtcgac	agagcaactg	ttaaccgatc	tactgagctt	tgaggagact	540
cgagccttga	aacaattggc	acgagcatca	catgtggaga	caaaagcttt	gaaagaactg	600
gccagacttt	ctcaggaaga	aagccaccac	cttgccgagc	ttgcaaaacg	gagtgcagaa	660
tacgtgcng	ctgtgaagat	gctaagtctt	gtggtctggg	ttaccttccc	accaccattg	720
tagcgaatgt	cttctncact	gangtcgtnn	naaataatga	acagggaggc	atatacattt	780
cacctgggt	ttggattttg	gcagtca				807

<210> 7253  
 <211> 434  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7253						
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agtatttggt	agcgtggctt	atctccagct	ctcgctcctgc	agccatcctt	tcgggtctca	360
ctgcccgttg	ttggatgctg	gtcgttgatt	cgaagcccg	tggtgcgtat	tccttggtga	420
gctgacagc	cgcttcgtgt	cgctactcgt	tttgtctcgg	agagcaatcc	aagactctcc	480
gctatcctat	cgtttcccca	gtttaaatac	catggcattt	taaaaggggg	cctttttccc	540
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<210> 7257

<211> 390

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 7257

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gcgattggtt	acgagttgat	ggtgtttgat	gccctttcga	tatgctatgg	ctggtgtgtt	180
ctgcaatcgg	tttggttgcc	aaatagtcga	tccgaatctt	gcacgcttcg	tactatggga	240
ctgcagcgct	gctgttagcg	atgtatctag	gtcgttgata	gtcaaagaac	atactagtca	300
attctacgta	ttatatctct	cttttcngga	tgcagttcat	gtaccgcatg	aaagccgact	360
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<210> 7258

<211> 391

<212> DNA

<213> *Aspergillus oryzae*

<400> 7258

cgaggattgg	ctgaatgttt	tggccggaaa	gccgactgag	gagctggagt	cgcgtttaca	60
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taccgctgcc	gcgaagtatg	cgccgagagt	gtcctcttag	atccctttcg	cctagccctc	180
tttcatttct	ctttcatatt	cgattttcac	ttttcttctc	tatgcgcctt	gttcgatccg	240
gtgttttggt	attttgatga	tttatacgac	ggcgtagcta	ttgtattgtg	ccaggtatta	300
tcggcgattg	cctttattcc	gtttgctatc	gtcccagttg	tggaaatctg	atttcgatga	360
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<210> 7259

<211> 672

<212> DNA

<213> *Aspergillus oryzae*

<400> 7259

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cgcttgctgt	gagccccgcc	gggtcctatg	gagctacccc	agtcgttgcg	gatggcttat	180
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cgctttcact	ttgatcgtaa	ttgtgcaactg	tctgtccact	gggtgcacaat	tgcactgtct	600
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<210> 7260

<211> 679  
 <212> DNA  
 <213> Aspergillus oryzae

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 atttcctcac attcaacatt agcgtcgata tagtcatcac gatgtggtaa acagtttcgt 180  
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 tgtgtgatag tgacatggc 679

<210> 7261  
 <211> 663  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7261  
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 catcgctttt aaccctcatt attgagttat tatcaccgcg agcttgtgag aatgcaaaat 180  
 tccctctgcc ttttgaacgt tatcagacgc tgcgtctggc tttgtcgatt ctggaaaatt 240  
 acacaatcct aacggggcca ttggatcccg actgctgcaa ttccttacgc tcgcttactc 300  
 agtgtcataa atttctctat ccgaaccagt ccgatcaaag ccggcggatt ctgattctat 360  
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 gaactgaaat tgttggcgga cttgtcaagg tcatcatttc ggaattctgc gctgtgcctg 480  
 aagaaaatac tggtaaagaa tatagctcac tggatgcggg aatattagct ttgggggctc 540  
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 gcg 663

<210> 7262  
 <211> 686  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

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 cggcgatggc tgcggaagtc atctgtggcc atcatggccc ttgtagcatc cctgcgttct 180  
 cgcacatgc acacgcaatg aaggccgtaa aagcggccag tgaaatttct tcgttggcgt 240  
 ctattcgcat gccagtcgtc aaacatactc ctttctttat ctgtgctcta gtaatgagtt 300  
 ctattgtgca gctggctgcc tgctccgtga aagccggaca aatgcccgat ccgagtcgag 360  
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 aggccatcgt ccgccagatc aaggcagtcg cacgcgatgt gatggatctt ggcttacgac 480  
 caaccatgga tcatatcgac ttgaatagcg tccttgacag cggtcgattc tggatgccag 540  
 aatcccttgc gcgtaaggg ggctntagaa atttggacct tctctcaaaa cttggaacct 600  
 caccctgtt gatataatct gacggtatga ctatggatgc ccaccgcaga gattaaaaca 660  
 taaaaaccag cccacatgtc gatata 686

<210> 7263  
 <211> 652  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(652)  
 <223> n = A,T,C or G

<400> 7263  
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 gcaatgcact catcggagcc atcaccggcg agcctgccct tgtggacatc aatacggcgt 120  
 ccctcacgct ggcagtcctg aaggaccggg tggctgtcac cgagaaagca gacacgatcg 180  
 gcggacctgt agcgccgtat cgtcccggaa acgatcaggc cgagttacgc gattacaagc 240  
 tacagctggg ggcgtcgacc gatcatttac ggccgggtcac gaacctgtcg acatccgtcc 300  
 tttcatcgcc cagtagttta agttctccat cgtccgcata ccgtcctcga ttctcgacct 360  
 gcccgctctt acccacaagg cggtttcgtg atcgggtcct tctgctgtgt ctggaccggg 420  
 caccgcgtntc gtggacaatt ttacgaacct tcaacgnntc tcgggggtcc agcgggtctg 480  
 gggggcttaa ctcgatctct ggccggggac acggcgagcg atattattcc cccacttccg 540  
 ggatccttgt tcgggggtcaa tggggactag cacaatgacc accactccgg ccagaagtcc 600  
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<210> 7264  
 <211> 98  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7264  
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<210> 7265  
 <211> 676  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 7265  
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 gcttcgagac agtgcattgc aaacagttca atatgtctct tcttgtcaca attggcggga 180  
 taaagattag gtggattgac acactgggag cccattttgga gtttgataac cgcacaaaaa 240  
 ccttggtcct ctttcggttt ccttcttttt gcgcgcgcaa tctcgagaaa gacttatcgg 300  
 gcgagaaatg ggtgccagga gtcatacatg gttgtactgc cccggctggc gatcctacca 360  
 actgggtctac cgctgaagat gtgacaagct ttctatacga ggtgctgctg tcatatcgcc 420  
 tgcttttcgg gctttcggca aaggggcgac aattctacca ttcaatatgc ccatttaattg 480  
 accttccgcc tgaccaacat gatcctcttc tgggagaact atgcngctca cgcactctga 540  
 cacagttttc atggaccacc acgaagacgt ctttagcctt gttcagactt ttcaatcctc 600  
 acgaccgaat ccaagccctt taacacattt ggcttccaaa gggacgtggg ccgatacaat 660  
 attggcggac aacaat 676

<210> 7266  
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 <212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 7266

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ctttcggtgc	tccggatcca	tatggcccat	ggcaaataat	cccagcatt	cccaccgaag	180
acctggtcta	catcaaaaact	accaaacaccg	gaactgggag	ggtagaagtt	cacatcgcct	240
cgggttcctc	gggattcaag	gcattctaaa	gtgcaacttc	ctctacaatc	acgaagatgc	300
agctgccagt	ctcattgggc	ctgctcactg	tgtctgattc	ttcagttaca	gcgagatact	360
atgactgggg	tgaatatcat	ccaaaggcct	actgcaccgg	ccatatttac	tattgtggaa	420
agacccttct	gactgtcggg	aactacaggg	atcagataaa	ggacgttnta	cgtagcgagg	480
gatatccgct	agacgattgg	cacatcaaca	acgttctcct	ctactgtcgg	aaggggacgt	540
cagacgaact	tggttntgag	agaatgccta	aatatcaatg	ctatgatggg	ggtagtggtta	600
gaagcgacta	tgttgatgac	gttggaccat	gaaatgagat	tctccacgtg	gttgggttgag	660
ttgt						664

<210> 7267

<211> 718

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 7267

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gagcacttcc	ggcaagcggg	ttttgcgata	gctgtaggaa	tcgccattga	attactcatt	180
cagatcccca	tcatcggggt	caagtttctt	ctatggatct	tatcttggat	ggccgacttg	240
gagagcgga	cttgggacga	tacccttctt	gagagccttg	atcttctgag	caaatacggtc	300
cttcaagtcc	ccttcttggg	gatgacgctc	atgcgataca	tcaccccaac	tctcgatgaa	360
atcttcatgg	aatctataaaa	atgggtcgac	tccacctatg	ttgacaaaaca	taaggcagat	420
gatcccaaga	ccctacgggc	catgtactac	ccaagccttt	cgatgtactc	cacgaaaggg	480
agtgttgggg	tgtctaagcc	aaaagggtgaa	tgggtctctg	tcttcgtccg	tcggtatggg	540
cgcaaggctc	gnatgatgct	nggcgtcttt	ttgctgtcgc	ttcttcttat	cgtcgggcga	600
ttctgtatgc	ctgcagcttc	gttcttttcc	tttagcagat	ggtagggcca	gccctgcag	660
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<210> 7268

<211> 691

<212> DNA

<213> *Aspergillus oryzae*

<400> 7268

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agagcttaaa	gcaatatccc	taccagagg	tcttggaata	tgcgggctgt	atcgagtcgt	180
acgaaaaggc	gaccgttctc	tacttgacac	aggctgcagc	agcggaccgc	cctgatcgtg	240
ttccccaaaag	agccctttta	gacatgcttg	catcgcgaa	tttaaacctc	attgagaaac	300
ttgccaaaaga	tgttggccag	ctagcagttc	tatggcctct	gtttaccgca	gggcgcgaga	360
ctcgtaatga	gcgcgagcag	aaattcgtgc	gggaaaccat	gattaaccta	caacggtttg	420
gattcaagaa	cgtcgaatag	ggcctcgaag	aactggagaa	tgcatggttc	atgcaacgcg	480
cattccttga	aaggcgata	gacaggtatg	aggacgttcg	ggctttgaat	cttcttcgcg	540

gatcttgc	aaagcactcg	attcgactac	cctggctttg	acccatttgg	ggcagtcctga	600
tcacttactt	cttgaaaaga	atgtttcgtt	tactacccat	caaccttcct	ttatgatggg	660
gggtccattt	ttgcaatctt	ggtttaatta	c			691

<210> 7269

<211> 591

<212> DNA

<213> *Aspergillus oryzae*

<400> 7269

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ccgcggattg	tggtttccta	cgaacacatt	gcgcgcagtt	ctaacagttt	tttgggtgacg	120
atcaatcgat	agatttatac	gccggacaga	ttaggtcatt	caagagcatt	tagagtgtac	180
gttgatcgga	aagaaggaga	tgctgtatc	atcaccggtta	aaggctgctg	caaaaactgc	240
agcagcgaaa	gtgagatcaa	aggtctccc	tagctcgac	gagaagtatg	cgtggcttta	300
tgctcccca	gcgaccaaag	atgatattaa	tcagtcgtg	gaatgctggc	tgaaggatca	360
aagcaacctc	gactatgttt	ctggagttac	gggcggaaacg	ttccgggata	acccgctgga	420
aaacgtcgtt	gaatcctttg	cgatcggtt	gacaaaaaac	agtggcacta	tcgaaaggcc	480
ctttcccg	gaaatacttg	ctgattgtt	ggctggaata	tgtggaccag	attgatgggc	540
ttcccatatt	ggaagagact	acgtccttgg	accatggcga	gtattgtctt	g	591

<210> 7270

<211> 696

<212> DNA

<213> *Aspergillus oryzae*

<400> 7270

gctaaccgtt	atztatctct	gccagacccc	ttatttttctg	gtcgcattgc	atcgcagtac	60
ctggctaaaa	aaatttgaga	ccatcgcagg	gctttggata	ccattcgatt	actcatcgtg	120
catccccgc	cacttatcta	ctgctttggt	gcaccccttc	aacgtggtag	aatctggagt	180
ggttctggac	tgagaagggc	aaatcgggac	gggagtcctac	aaaagccgag	aatccaaaaa	240
tgtctcgggc	aacgtcaaca	tcggctcccc	aactgagccc	ccaattttgc	ttcaatgaga	300
aattgctccg	agatttccta	cgtctatcca	gacgacaat	agatgattca	attaccaga	360
acctaactgc	tctgttcact	cogtcgcggg	agggcttcga	tcctcgtc	actgcggtag	420
gtcaaacaga	ttcaaaaagct	gggcgtacaa	tagaccctgc	cgcttgtag	agtttcaaag	480
acaacgttct	attcccctca	tggcagacac	ggtcagactg	tgtcaatac	tgcgcggcg	540
tcgctacaag	tcctgacccg	gacgaccctg	atcttgccct	tcgacagacc	gaatctgccg	600
ggaccgaaa	gcgagtcgtc	atgaacgttt	aaacctgac	ttttggccgg	tttttcctt	660
tgaaggcacg	aacgaaatac	ttagccaatt	ttgccg			696

<210> 7271

<211> 449

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(449)

<223> n = A,T,C or G

<400> 7271

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atgcttcctc	caggcgacag	tgcgactgat	caacagctcg	aattctgtca	taaaacacac	180
tgcttggtct	ggtaattagg	aacgtccatg	tttgaaggcc	ttttagtctc	acgttctagt	240
ggatcacctc	tcggccgctt	cgggggtctt	agatgcgcag	ggcgtcactc	accaatattt	300
gaccgtgggtg	catgctgttg	gggcacttgg	ctccgaggtg	tatgcattag	gctctctgcg	360
gccgcggcga	ggttggatag	aacctagag	ggcgtcgtct	tattataggt	atatactgat	420
agatatatac	aactcangat	accnaagac				449



<210> 7272  
 <211> 537  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7272  
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 ccagtcctcg acacggcggt aaaccgtctg tctctttccc gtggttgcca tgggtgatca 120  
 tctcgactct tgatgtgggt gtcctatttt catacttcgt aaatgaatct ttcgctcatc 180  
 ctccccaccc aactccccgc ttcaattttc ttcgaatggc ggcctttact gtttctgagg 240  
 tgagatgaca cgcactgggt ttgttgatga ttgttaccac ttagtgtgca tagccaagga 300  
 ttacatacaa catctcgaca ggatgcggcc atagaaaagc ttcgcagtgt ctcaatgctt 360  
 cctcccgaca caacagaagt ctgtcagcag agtatgcagc actattcatt acactgtatt 420  
 gtacgccccca tggcttgagg cccgccgcct tgtcatacgc aacttcagtt tcagtgtacc 480  
 cttggaccaa ttaaggtaga taggactgtc tcaaaaccgg tatattcgtt tgtgcgc 537

<210> 7273  
 <211> 169  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(169)  
 <223> n = A,T,C or G

<400> 7273  
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 gaaggtangg tcagtgggca tgatcgactc ggcccagctg gccaaactcct ttgtagagaa 120  
 aggaggtcta gattttgtca tgggtcggcg gggttccaaa agaatccgg 169

<210> 7274  
 <211> 859  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(859)  
 <223> n = A,T,C or G

<400> 7274  
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 ctgggttttg ttcgctgtct taccactcgc ctggtctttc gagaatattg agttgcgcca 180  
 tgggacatgg agagtttggc cgctgtcgag ctagegcctt accactccag tttcctttcc 240  
 gttcgtttga atattttcgg tttctttctc tgggcccggg ttatagagct tcagcatttt 300  
 gcattgatga caaggcaact tttgactcta ccatttttatt gcgccgtgca cctctcacca 360  
 gcccggcact ttgttttcat ttagcggatc cgattctttc ctcatctcc gaccactggc 420  
 cctacactta tttcctatgt cttgaacgat tttcctacgt taatcgccct tcgactttgc 480  
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 ccttattttt ttctttattg tcttttaatc ctacctccct atttcttgta taacaagcga 600  
 gggagcgacc caactcctcg ccgtacaatg tacatattga tgtacggctc gtcagaaggg 660  
 cgataattcg acatgcacga cagcgacccc gaaagttatc accctaaacg ggcagatcta 720  
 atagctttgg aagtgtcaa tgcagctgta catacacaaa ctccgcgtcg gtgaactgac 780  
 acctaattggg aaggccggng gattaagaac taaaagataa tttcctttgt tggaatgaaa 840  
 tgaaataact taagaattt 859

<210> 7275  
 <211> 281

<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(281)  
<223> n = A,T,C or G

<400> 7275  
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cttgttcatg ttgttttagtt catactacgt attggtatgt ggtgatcggg ttctctgtag 180  
agggccgagt gcttaatggg ttatatctgt tatttcacga ttaggaaact tgaatcattt 240  
tggtcatttg aatagaagac gagcatacct tggcaaaaaa n 281

<210> 7276  
<211> 544  
<212> DNA  
<213> Aspergillus oryzae

<400> 7276  
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ggctaagtac acgaatatca acagtaatac ctacaatcag ttacagcgat ttcccgataa 180  
agctctccaa acttctgcac ttgcgagctg ctatagtgtc aacacgtcag catcgagagt 240  
taatggtttc cattactaca ctacgactgg ggccggagcc cagtggatc cctgaggtcc 300  
cctcagggtc gaaaaccttg tctccaagtc cccctccga tctctctacc cattcaggaa 360  
tgagagcag tctttcgggt aatattatac ccgaatacaa aggggaggca gcgcatacta 420  
tcccgaaga gtgtgagagg ctcttctgcg acacattgtc tgtgattttc cttggtgagg 480  
ggattctctc tggacaagag tcgcttgggg caagtgcgta tcaagggtcaa ccgaataatt 540  
cacg 544

<210> 7277  
<211> 491  
<212> DNA  
<213> Aspergillus oryzae

<400> 7277  
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acttctgctc gcgaacgaga atcaaacttg gatttgattg agtatgtcaa caaatgcaat 180  
gtcgaagact ccgctctcaa ggccaacgcg gatcaaaata tggcagacta cgccgagttc 240  
ctcaatatat cggacgaagg actcacagt actgcggagg accatgaaat gaagcgctac 300  
aagcgctacc gacaatggtt gaggggcaag agtcttttca aacagcgagt tgatatttga 360  
acagcatatc tgtgtgccac gattcatgaa ttataactta atgacgcgat acccatacgc 420  
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ggtttagctg c 491

<210> 7278  
<211> 970  
<212> DNA  
<213> Aspergillus oryzae

<220>  
<221> misc\_feature  
<222> (1)...(970)  
<223> n = A,T,C or G

<400> 7278  
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aagcatcacg gcccatacaa ttatagccat cgcaccaagt tccgcacaaat cttgcacaaa 240
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tgccaagtcg tttgacaagt accaggtcac aagccctgct gagcaggcgg ctgtgattag 360
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gggacaagga actcgaaaaca tgcagtcgcc ggctttcaac tccaaatatg cgcagtcact 480
taacgtagca gtgtccagcg atccagctca aacccttgat aagttggttg acaatcccga 540
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tgcattgcaa gccggctcag agaccggttg ggagcgctat atcaccagtg gtgtgcagac 660
tcaagttacc gataagcgga aagaatactg gcagaaagca atgcaagcgc tgggcgtcca 720
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cgtttctgac tcatagccgg cccacacttt tcattttcat gctttctttt ccgcttggtg 840
gtactgagta aaaccattat tatgatcgnc aattgatattt attttttttt gaaaaaaaaan 900
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gcccgtaacc 970

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<210> 7279

<211> 694

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(694)

<223> n = A,T,C or G

<400> 7279

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gacgcacctc tcaatgaaat caccacataa tccacgaaat acgaaattag gatgaggacc 180
agaaaactcg caagggtgtg gtggccccac catccgaagt tccatatgcc gcanaggatg 240
cagtttgctg tgtccagctt tgtgggttaa aatgaccaga ttgagatcct tcattttcac 300
agctcgccca tgcattctacc tcgccgcaga ctggtatagt gacaggaagg taattagagg 360
ccgttggttg aaacttggtc gtgccatccc agaaaccagg gcttctatat tgcangttta 420
gcacttcatt tgtcaaaaag ctaacagctg tggttctgcc ttcaactccg tcggctgccc 480
aagcgtcgcc acttccgtaa ggaggtaaca actggtggcc atttcttgct atggtagtct 540
gggtttgctg cccctctgtg ctgggtcaacc cctctgcgtg tttatttatc tctttgtgct 600
ggccttctct gtttggtaaa actcatgttg cggcagactg gcctatcggt cttaacggaa 660
actttaatct gaaccgggat catggtaaat tctt 694

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<210> 7280

<211> 606

<212> DNA

<213> *Aspergillus oryzae*

<400> 7280

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tgtcgtcagt agagtaacac aaccaagtct tcttctgagg catacccttc ccaaccggat 180
cttcagggtt tgcagttggc tttccttgat aaccagggtg cggtcacgt ccaggctctc 240
cacaatgtag tcgtgtcttt ctctgctata cttcaaaata atggctttca cggacggatc 300
gcattcgatc aggactcctg ttggaggcgc atggttagct gatcgcaaga gatggttaga 360
gcaacgtgca catgcctcga acagcacggg gcattttgat aaattataga gcggttgaga 420
tttctaactg gtaatgtgga cgcgtgaata tgtagcaagt cgcgcaagcg atgagatggt 480
cgtgatgatt gcagagaaaa tctgcggaac attgtcgact taccgccaag acaccctcag 540
gcaccaatgc agaaatacta tgattttggac ctcaaaaaat atatatatat aaaataaaat 600
tttcct 606

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<210> 7281

<211> 699  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(699)  
 <223> n = A,T,C or G

<400> 7281  
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 tctccgaagt gaccagggtg cgagacaaga tcaggcagcg acacaatgaa gggatatgagc 180  
 ctgcggttga ctaccagata ttgagttagg cgtctcgat tgactccgct atccggcttt 240  
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 aagtgggtgga tgatggcctg gaatacttgg atcagctccc acaggacgct ggcgcttaca 420  
 gcattgtcct gatgccngtg ttctctctcg ggtgctcggc gtttttgcag caccagcggg 480  
 agcgaatcca gaaaggattc gaaacactca aatcctactc taaccttcgc aacaatcgaa 540  
 cctgcattca aagtcgtaga aaagggtgtg gaaagtatgg actccaacat cgaggaaagt 600  
 tgggattggg agaaaatcat caaggatatg gatatggatt ttctcattac ctgaattaac 660  
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<210> 7282  
 <211> 698  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 7282  
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 tctgacagag taacatacct atcacttcaa ttttctcatt gagattcaac ttcgaaatct 120  
 cacgggggta attggtgaag aggcttttga tgctctgcat tgtttcaaga gccagaatgt 180  
 cccgcacaaa ctagcagact tcaccccaag accgggtttt ttaaggatca ataaaacagt 240  
 tcggtttata gccagggcgt tacaaaacta gcgagcgctg gaacaaaggc ctccactgtg 300  
 ccagggtcgg cacaccggac actgcccttt gataatacat ttccggcaga gacagcgacg 360  
 catcagatag aagagtggat gctgcattta atatgtccag aaaagtctct ctcgatgcgg 420  
 ttgtgtccta tattcatgac gcgctaagtc aagaggggga tagtattcta atccgcgag 480  
 acgttctttc cacaatcctt gatgcagtga ctcaatctgt aaatacagag aaagctctag 540  
 catgggtgga agcagactgt ttgtctgtaa gaagtaggtt ggaggcttat aagagggctg 600  
 acgaccttgt cgttgaggag ctgtgtncag cgagggaaaa nataacagcg ttcgctagga 660  
 acaagttctc agatccccctg gtgcaaagta ggaaggtt 698

<210> 7283  
 <211> 665  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(665)  
 <223> n = A,T,C or G

<400> 7283  
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 acgactgggc cttgaaggaa atgatttccg ggacgggttaa ttccaaatca gacccccttg 120

cttgcattgaa	attatggtag	acataccatt	tatccaccat	cgaaaggggc	tgtaagggaa	180
ttcaattcta	tgcatatagt	tgaacctagg	tgctgggtatt	gggtttttgct	tataagtctg	240
cgccctacta	gcaaaaactca	tgcgcatcaga	ctccccgtccc	caaatctatc	accgctatca	300
gcaccgtgac	atatgtccta	cgacagcgctc	ccaaaagagg	aacatgatag	cccagatgcg	360
gagcagcttg	ctattaagac	aagggatccg	tggggccgat	tgtgcatat	caacatcggt	420
cttgcactgg	tggaattttc	cctgtgcttt	ggcatggggg	tattcatggt	cttcgatttg	480
gcctacgacc	agattaaaacc	cgcgaggagaca	acattagcca	cctcaatttc	aattcaactg	540
ccgcagggtca	actttctgag	caccaactgc	aggttgccgc	tttgacttga	ccacgttcac	600
ttgggtgcca	ccagcgggct	tttacaacct	cttatggagg	atTTTTTtcgg	ttaaaaaact	660
ggacg						665

<210> 7284

<211> 788

<212> DNA

<213> *Aspergillus oryzae*

<400> 7284

ggtactcgct	aaaaatctcac	ctccccctct	cccgtctttc	cgtgatggag	cctcacggag	60
acggggagcc	gtggtgtcag	ttgacggcca	agaacctatc	gctgtgaagt	cagtgggtga	120
ctttcttaac	aatacattgg	aaaaggaagg	aaaataccac	accacattt	ttgaaggacc	180
cgatatccgt	ctgcggggaag	gttactctga	atctgggtcag	atgggcatg	ctacgggtga	240
ttatttaaac	accatctcag	cctggcaccg	catttcagat	gaaatcgtga	gcttcgtcaa	300
atccttgtat	gggtcttttg	aaccgaagtc	cgtggatgaa	gacaactcaa	caccaggagc	360
gtcgcccaaa	ggctctatcc	ctaaaggagc	cgaaattcat	atcagttcac	cggcacaaac	420
gagtgagaat	ggatctgtat	catactcatc	gtcttccggg	tcagcgccct	gtccgggtacc	480
tgtggccctg	gttcctaggt	accagcttac	cacagccgac	gccttcgctt	gctccgtacc	540
tatcggagac	tcttatgcac	cactggatca	ttggcagtg	atggcgcttc	tctggcgctgc	600
ctgtgtaggc	ccagatatca	cagtctatgt	tgcggaatgt	gagaaagatg	aattagatcg	660
atatgggggg	aaccccggtg	aagttcgctt	gcatgatgcg	cgaactatag	tagtgcgagg	720
agcagctggt	tctccgaggg	aactagaaga	gaagactttg	aaacgcgtgg	ggtttgaat	780
cgaggact						788

<210> 7285

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 7285

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gttttccgtt	ttgattcacc	cctaaccttt	gaagcatcgc	catggaacta	tgtatcatcc	120
acctctaagg	gccagatccg	tctcgctcgg	ccaggtaata	agacggagga	gggcggtaca	180
gagcggtg	agcgggtact	acaacatcca	tctgagctga	tagtccgtgg	tgttgtgaag	240
taccagttac	cactgagctc	ccgattcctt	tgggcatctg	tcagctccag	tgttcaagtg	300
gtgcccagaca	aagggtgaca	tggaactgga	gatggcaacg	acaagcctga	tcctggagac	360
gacgacacag	ttaccatata	taaaacaagg	tcacttcgtc	gcagtctgcc	cgagctgcgt	420
caaataagcca	ccaaacgctc	aatgggtcgat	ttggtagcag	aagctnntgg	aatcaccnga	480
taggtcatca	cggctcggnt	gccgtgattt	caatctctat	tatcgaactc	aggatnntac	540
cggctcattt	caccctttgc	cctnngtctt	tttgatatac	cttctgctat	gggtagatcc	600
tntgcttncg	tgcccaaatc	tctgcttcaa	ccaatactgg	gaggaatagc	cttgtgn	657

<210> 7286

<211> 686

<212> DNA

<213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

<400> 7286  
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 cgactaacgc gtctatcaat gtcattggat atattgctaa cttggaggaa gcccggtttt 120  
 acgatatcat ccctctttat gcacgccttc taccaacata ccaggcacac tctgtgcttg 180  
 gccagatcct gattgaggta gtgcacccgc gggagagacg acaacaagtc aggctcatgg 240  
 agaatcatgg tatcgatgtt gaagctgtct tgcgtgatca gtggcagtgg gttagcgcta 300  
 gtgtttcctc ggttgaacat tcaagtacgc ttaagcgata cccaagggtt gtccgctcgca 360  
 aggatggcct gcctgagggtg gtaccagtca agaaggatta cattggaacc gatgtatctg 420  
 gtacggaaga acgcgtcatt agaagccttg agtggcttcg ccatgttgat ggacaatggg 480  
 ggaggatctg tcaactgggt gccttgctgt acagaaaaat tttatgtact ggtagacttg 540  
 ctgctgctcg ggagttgagt agacgcatga agctggccga tatcttacgg ggagccattt 600  
 ggttttgacc tgacagaaaat cccctttgcg gtgggggatg gcgcaaaacc ttnacttcca 660  
 aggctttttac ccgattaaac aaaatg 686

<210> 7287  
 <211> 130  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7287  
 tgggccaaaa agttgtgatt atttcttgtg gaggaatttg agttctggat ggaaattggg 60  
 atttgaggat atcagagctc tcgcagatta taccaaggta gagctaaaat tgagaatata 120  
 tctcatgatg 130

<210> 7288  
 <211> 525  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(525)  
 <223> n = A,T,C or G

<400> 7288  
 gatagcattg acaagatatt ccttggtggtc accttcctac agcttcttca tgttatcttg 60  
 gtgcccattc aaggctgtgg cggcgagaat ggatgaatcc tccgtggaac tgaccatgat 120  
 ttgtcaatcg aagtgatgaa tcacgatcgc aagtgccaga tagcctttgt gagcgtggca 180  
 ggtgttgatc aaagagaatg gggacggcat ctatacctag tacaacaagg gagttgttg 240  
 accatccagc ctttcgcgac tgatctgaaa ctaagacagc cagcagacac aaggcaagga 300  
 gccaggactg ttacctgacc tttgatctgc gaagcgtaca gtcttctggc cagggttaag 360  
 tagggagtaa gatgagccta atttcgaacg gggaccgggg aagacgatag tcccgaagca 420  
 acacggagga tcttggttg tttggacaga accacgtggg gatccgatca acccagcagt 480  
 ccgttgctct aattaatgcc tganacatct ccaatggcat tggcc 525

<210> 7289  
 <211> 545  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(545)  
 <223> n = A,T,C or G

<400> 7289

gaagcccagt	cggcgcatg	agcagactca	taaatcatgt	ttcgcgata	ccctatccag	60
tccatgtcaa	acgttgccct	tccctacttc	atggcatctg	gaatgccact	tggcaacggc	120
acgattat	acagcgtgca	agatcacgca	aatacataaa	tatcattctg	tataatacgt	180
tgaagtacct	cactattcga	aagacagttt	ttgtcttgca	taagaaggat	gtgtgaagtt	240
cttgtctagg	cacctacatt	tgttccaggc	tggtggctta	gtagctcagg	ccattatgaa	300
agttattacc	cgtggcgtgg	cgttgatggc	gcaaaggttc	tanggtat	aggattttcg	360
ggtttttaggc	aaggtnctgtg	gttgggtatt	tatcgaggaa	gcgttgctgc	aggtatggat	420
ttctttaatc	taggccctgc	tctttctctc	ttcttttttt	ttcgncccc	attggnatt	480
nctcctngtt	tnatggacat	cgggatgatg	agaataccat	atttccaatg	catattccag	540
gaacc						545

<210> 7290

<211> 640

<212> DNA

<213> *Aspergillus oryzae*

<400> 7290

gtcccgcat	ctccgacttc	atccgcagca	tcagcgaaca	gtgcgctgct	gccgtggagg	60
gcctgcattt	ggcccaggat	gcggaggatg	atgactcaga	cgagtccagc	aagacactga	120
atggaaacag	actggccct	gaggatcagt	cctcaattcg	cgagggcagc	gaaatgggcg	180
acgtggataa	ctcccttcac	gcccaccggg	cctccagtgt	tccctccaca	ccagacttgg	240
tacataaccg	gtcgagtacc	tcaatgtcca	tggtgageta	ttcaaccttt	ccggaaagggt	300
cgagccaaca	gtatggacca	ggtgaggtgc	ccaccaggat	agttgaggat	gatgatgagc	360
acagccatga	gaccgatggt	cttgatgacc	agaccgatac	cggaactttt	gttaagcata	420
ccagcaagga	tcttatgcgg	ttgagcactt	tccggctggg	tgtatatattt	gacatcgaca	480
ccatgattca	tctgttatta	tataagcctt	gattgggtttt	ttgttccoga	ccagatatatt	540
actccgcaca	tgcgcctagt	atacttacgg	acttgactttt	cacactttct	cgctcatctc	600
ttactttttac	agattcttta	ttaaaccttt	attgacttcg			640

<210> 7291

<211> 182

<212> DNA

<213> *Aspergillus oryzae*

<400> 7291

cgcttgccgac	cagactcgcc	tccagggttc	agccggcatt	cgtgccgggtg	tacttccctg	60
ggggcgggcc	agcgtcggtt	tgggcggccg	gtcaaaggct	cccggaatgt	agtgcctctc	120
ggggcacctt	atagccggga	gtgcaatgcg	gccagcctgg	accgaggaac	gcgcttcggc	180
ac						182

<210> 7292

<211> 662

<212> DNA

<213> *Aspergillus oryzae*

<400> 7292

cattccaaac	ttggaatcca	tgaccccgcc	attgcctgga	ccgtcttcca	agcattgtgg	60
gctgagctta	ctgcaacctc	cgctgcttct	ggatttgaca	agaacttcaa	gcctcgcccg	120
cctatgcttg	taactgttga	cggcctcgcc	cattggatga	agaacagcga	ataccgctct	180
gtcgaatttg	aacccatcca	tgctcacgac	cttgtgttcg	tgccgcactt	cctcgggcta	240
ttgaagcctg	gtaccggaaa	gcctgccttt	ccaaatgggtg	gtctcttgct	ctactccact	300
tccgcttcca	ataacccaac	gatctacagt	ttcgagggtg	cactcaagca	aatcgctgct	360
cgccaggctg	gcctgaatgc	ttcggcacct	gaatttcctc	aagcagatcc	atacagcgga	420
gctgacaagc	gtgttattga	tgcttttgac	tcttcgaagc	caactgtcgc	caaagaaggc	480
atgctagagc	tccagacact	tggtggcctc	acccgggacg	aagctcgggg	cttcatggaa	540
tactttgctc	gcagtggcct	tctgcgggag	aagatcaacg	accaatgggt	tggtgagaag	600
tggagcttgg	ccggtgggtg	tgtgattggg	gaattaagaa	attgggaaga	cgactgagag	660
tg						662

<210> 7293  
 <211> 92  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7293  
 cctcaccgcg agtactgggtc cggctggacc ttcccttctg gggaacctca tggccttcac 60  
 tggctgtggg gggaaccagg acttttactg tg 92

<210> 7294  
 <211> 170  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(170)  
 <223> n = A,T,C or G

<400> 7294  
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 tggcgacggc tccccgggag aaaccccggg gagctgtctg gcagattgca atgtcacctc 120  
 gcgcggggat gaattccttg catactactg aggtgaacaa gcgtgntgtg 170

<210> 7295  
 <211> 678  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7295  
 cgacagagag catgctgaac agcctcttgc aaccccaaga atgaactccac cctcagctgt 60  
 tgatgtcgca gaggagacca gcaacaagggt tcaagaacaa acctcctata ttcttcataa 120  
 cccggaaagt acaatagtgc tggattctgg agaacagtca gttgccgaac ctagtgactg 180  
 ggagagtgaag gatgacgacc aacctgggtc catggatgac tcaatgtccg agtcacagtc 240  
 ggcatatgat gaggaagaat ctgaccccga gaggttatcc gtgagattaa gctctgctcc 300  
 atacatggat atcagtcagg gcatacaaga agacacggct tgtggtgatt atgatacttc 360  
 gagtagggag ttttattcga aaggcacgga agcagaagga cgcacgccgg atcttaccgc 420  
 tcagaccgcg gccagctgcg aatagtatgc ctctctttga cactacctct cggagtctca 480  
 atgaaccgag tacgtcttgg cctggtactg ccagagatga cgcgaatccc agcctccctg 540  
 tacatccgag tggaaaatta ttcgatcact cactggccgg gttcaattgc actgccttca 600  
 cacaggcaat ggagtccttg caagcacacc ctgctgacgg atcagcctat cctttttcag 660  
 atcactgtag gctacgcc 678

<210> 7296  
 <211> 670  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7296  
 ctcagggtca ggaagcattg ctgagataat aatggacgag accaagtatg ttgcgcatga 60  
 gcgccaggta gacgtgacag tacagggggc tattgacatc gagaacccat tgagtgggat 120  
 tcctcgagat caactccttc gcgatgtcga agactatgca caggagtaag atctgcacga 180  
 tattcttctc ctctgaaga agggagccct ggtggcccag agaccaaacc agtacgatga 240  
 catcccagag ttgagccctg aggatcgtca gtatttgcca caagagacaa ccaatcgctg 300  
 gaaacaccct tgggcactct attacaccat cattctcaat tctatcgccg ctgccattca 360  
 aggatgggat cagacaggat ccaacggcgc caaccttact tttgcgcata aattcggtat 420  
 cccacaagat ccgcccgaact gcacatctcc tgcagaatgt aatcgcaacc agtggattgt 480  
 cggcgccatt aactccgggc cttacatgac gatcgcgatt tttgctggct ggatatctga 540  
 acctttgaac cattggcctg gtcgcaagtg gggcatcttt atttggttga gtgttcaact 600  
 tgatcgcttc catcgccctg gcattgactc aatcggtggg tcaactaatt ggctgtcgg 660



gcctacttgg

670

<210> 7297

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<400> 7297

cactatgtca	acatccggtt	ttcttgcctg	tctcggtctg	cgccaaatcc	cccgctccgt	60
acgagttaag	cgtaccattc	tctctcctcg	caggcaacac	ccattcccgc	cccggtggag	120
cagaacacca	gagatacctc	gaaccgcgaa	cagatacaat	tcacagaacc	gaagtcaaca	180
tacacgcttc	cacaatatcg	ggactaccaa	cccaatcacc	gattaacctc	acacaagaaa	240
agaaagaaag	aaccagaaga	caccggctgg	tccctgtggt	cgagtgcatt	gaccgtctac	300
tttatactct	accaaccatt	cacggaaccc	ttaacttttc	caaataaaat	aaccagatc	360
caaattggcg	accggtggaa	gtctattaat	gggcgaacc	gcattcgttg	gccggtccgg	420
gcgtccctgg	gatttaaccc	taaggcgaaa	aacaaacctt	ttgcgggaaa	ccccaatact	480
gcgcgtcgtg	catgggattc	agaggggcac	aatcctttta	tgggccgagg	gaccgactat	540
ctgacggaag	gggatatagt	tataccgtgt	aggtgaacta	aggaggctaa	cttgtagaaa	600
gagaagatat	gatgcacgta	tatatgagca	acataccaat	aaaataacc		649

<210> 7298

<211> 644

<212> DNA

<213> *Aspergillus oryzae*

<400> 7298

cttctctatg	tctcttcctc	cccctcctct	cttttagcct	ttcttgagca	gaaagagacc	60
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cctcccagct	tctcgaccac	caaacgcacc	tggctcgact	tgggtcatgg	gaaggctcatc	180
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gccccattct	cggacagtag	gtgctactga	agtcgctgga	cgaggagtga	aagagtctac	300
tttctttatc	ttcagcttgc	gctctggagt	tgtatcggtt	gtgccccatt	gcgattcctc	360
caattccagc	gcttgtatag	tcctttgaca	atcataatgtt	gctgggtcag	gctccggtag	420
ccagtgcctg	gatataattg	ccacagctgg	tgatacaaac	cgggtttcgc	ctactatcga	480
aatcgtgtaa	agaaactagt	ggggagtcaa	ggaatttttag	gttttacatt	agatgttcca	540
tgaccctcgg	ttgggagact	actccaacac	ttctttctgg	gaatcaaacg	gaacagtgtc	600
tgttcccgc	cctgaattaa	aggaaaaaat	gaccggaaga	cgcg		644

<210> 7299

<211> 621

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(621)

<223> n = A,T,C or G

<400> 7299

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actaaactcaa	tagctaattg	ctgtgttggtc	acttcactat	ttaatcgcca	ccgtcacctt	120
tcccaatctg	accgagtcac	ccttgaatac	gataggcata	ccttcttggt	agtccgaaat	180
ccttctactgc	ttcccaagaa	taccaaaaaat	tcggcacctc	tacgagcacg	aataaagaaa	240
acagtatata	taggtacgat	aaattgctct	tcacgtcaac	taaatgcaat	gtagggatat	300
actagcatcc	acgaaaaggc	aggtattggt	gcttcagatg	cgcactctgc	taccaaggt	360
aatcttgaac	catggacaca	ggttgcaaaag	ggcgcgctccg	tgcaacgagg	tcccaggagg	420
atcgtgggaa	ctcggccttc	tgtgtgttat	tctatgacct	cgttccacag	aanatctatt	480
actttgatta	gtacaactat	ttgtcccgat	tatcacataa	ctgtacccat	tcgctgtcca	540
aagttgggta	accatgtgga	tcgatcctaa	ttctggggagg	actcacggta	attagttatt	600
tttgcttgca	gtgtgtgact	n				621

<210> 7300  
 <211> 100  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7300  
 attgtaccat cttaaggttt taatatgtag gacgcgacca tgatatatac aatcctcaaa 60  
 cggcgatgga gaacgacttc gagatcatga tgtctacaac 100

<210> 7301  
 <211> 644  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

<400> 7301  
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 aagattctat atccgtacga gtaaagaata acaggacatg agaaagatcg cttgcatcca 120  
 tcacatttcc agaactccac tgctgaagca ttcgactaaa tgccatttca gctctgacta 180  
 aaaggccttc atgccattga ttgctttccg ggtacgccgt cacatgtgca atagaacatc 240  
 ttcgttcaca ctcccctgcc gacttaagtc tccccggctc cgccctttcc caggagcccc 300  
 gtttggtccc attatgcgac ccggtgcgaa tgataggaga gagcatcggg tctccggaaa 360  
 gtggcgaggg agagcgaaac cagacggaag ttaatgaaca ggtagataaa tggagcagaa 420  
 agggcgcaag aaagtcaagg acgtaaaaag ataaggaaaa aattgggagg ggggggggaa 480  
 taaatcataa atatcaaagg tcatcaatag cgggtcggtt ggcacgatat cttgtggaag 540  
 gcatgaatga atcaagacgt actctcgtaa gatctgccgc tcgcggcttg aaatggaaaa 600  
 tgaaaacctn ctatcctaag aggaaccctt acaaccatc ctgc 644

<210> 7302  
 <211> 664  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7302  
 ttgcaattaa cttcagccaa tctctgcata tcaaccatt accaccatgt ctagagcttt 60  
 ctctactgct cggcagagcc ttgcaagatg gttagggtac aacaaggaat tactgcccc 120  
 agttttcaag gaggctgctg agcgttatgc agagaacggt gctgtagcga aggtcggcaa 180  
 aattgactct atcgagattt tacatcgtaa cgatggcagc agcccgggtc accagtctca 240  
 cttcaaccgc aacgataaaag cgctgattat cagcgcgcga atcgcccccg ctgacgggtac 300  
 tcggcctcga acccaccaca tatatgccga tggtagcggg accatcaaga agggcgacaa 360  
 gcgcgaatac tcgacatcct ccgggcatga ggcttaagca cgcccttaca ccagctgcta 420  
 tcaggcgggg tgatttatgt ggagttgaac aatcgactgg gtaccattta tcgatcttgc 480  
 gcacttgtag gatgagggtc tcagagcaac ggagctagtc tatatttggg tagagaattc 540  
 tattttttgtg tacagcgctt cagcggtttc gcagaaatga ttcgctagat gaacaagaat 600  
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 caaa 664

<210> 7303  
 <211> 695  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(695)

<223> n = A,T,C or G

<400> 7303

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tacagggtgaa aagcacttac gaccgcatta cgccgccgcc gatcttgoga agattttcct    120
ggaccttaag gttcaattga agtaattccc gttcgatcgt cgccttttct cgtatttcgc    180
ttattcttct cctcctgcct tcctgttttc cttccagccc taccttttcc ttgtataaca    240
caccttttcg atatcgtact ctctggatat accgtccgag tctacgtcat cgtcgatgca    300
gtcgcagtca ctgaccttct ttttcttctt aaaccattga aatcaaatcc atcaatcggg    360
cactcttctt ctaccacgtg cctcgcccat ggcgaaacct ccattctttc gcgaagcttc    420
tcaacggccc naataccggc ggagtcttcc aaaagtcttt gtgccccgct acttggtctc    480
cttctttatt ttaatcgatg gaactccctg gtcttggggc cattggccaa ggttccaaca    540
aaccgtcttc cgcaaaccgg gttcttaaaa ataacttttc aaaattatcc cgtttttcgt    600
cccaaggccg gctggataca agtttgggcc aaccattggt tccaataatt taaaccgcgc    660
ggtggggaat ttttgagagg gaccaattaa gggcc                                695
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<210> 7304

<211> 711

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 7304

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tgaagcctct gcagccgccg acgtctagtg cgttatggca acacagtctc atctactggc    120
ggatctcatt aaagtatacg cttcaattgt cagtgaacct accgccttgg tcgggatagg    180
ctgtctgtga gagtctgacc tcggaattga tataatatgc gagactatgc cagtcacaga    240
acttgatcat gatagtgtg acttatggga tcagatcgac attgcaggca ttgcggtgtc    300
aagcattcac tatatgtcga acaattgcta tctaataatgc gatgggtaat ggtggagata    360
ccgttctcga tagcgattaa tcttctgata tgcttacaat aatgggtcgg aatgctgagg    420
gaagagacat tggccttatgt ctttacaagc cttcttggct gtacgtatctt gttccttttg    480
gaagataaac tgcaaaagtc ggttcctggt tgtacatgtc ttgcatcttt gagcgtgcat    540
ggtatattgc tctttaaatt gtttttttct acttccccct cttctcatgg gtagttcggc    600
tctcatggct gctcttttaa ctagtcaaca ctctcccgga agnaaaaaga aaaattcgcg    660
gctcatttga tccaggggtg gaactgggga aatttgggaa actttttttg g                                711
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<210> 7305

<211> 666

<212> DNA

<213> *Aspergillus oryzae*

<400> 7305

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attctttgtg gatgatccca tcatcggcac gcttcttggg ctttcgggag ttactgatac    180
ccgtgagcag ttgtatcagg actataccag gttgcagcag agcaagcaga gcatggggtc    240
agagcaagat cttctccaca ttcagaatcc aatgcgcttg cttccaggcg atggggaaag    300
tctagatttg gtgtatcgtg gtcccagggg ttgcgctttg agtctcgcca ataccactga    360
ccggccgagc gagctcaact cgccatatga aatgacagaa cctatacgta gtgacatgga    420
caatttcacg ctgtcagagc agcctttgga caatgatttg ctgttacagt tgctcagcaa    480
ctccgatgat aacatgggaa ccttgtagcg caattgatgt gggcattcat ggctggaaac    540
acgggcctca ttatgaaatt aggcgtgtcg cagctataga aatgtcaaac tgcttccggc    600
agtcaagtcg tcttatgccc gtgggtcatta tagtaaacac ggggctaaca gccgtttgcg    660
tgaagt                                666
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<210> 7306



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ggagtcacgg	gtctacctcc	ccatcccgtg	accggcattt	catcacgggc	tgtcagattt	180
tactttctca	aggatcccc	gaaacttaat	ccccgcgtgt	cataaacatg	cgcgacatgc	240
cgtccagatt	tatagaaatc	ctcgaccccc	aggattctca	ttttcgtatg	tctgatgccg	300
acgtccggct	ggaagatgtc	ctagcggacc	aagaggcgct	cgccagccgg	ccccgttcct	360
ccacgcaatc	gtcgaccaa	gcgggtctcg	ataaagaccg	gatatatcgg	gaggggtccat	420
cgtcgccaca	acagcgggtg	aagcgcttga	gcacgatcct	gggtccctgcg	agacggggct	480
ccaactaaac	ggaggatctc	tccgaccacg	ttcacgctag	acgtgatcat	caccgtcgga	540
atatacaata	ttcctgacaa	gaaatcaata	catttttttc	ccgcatgggt	cttcctgtcc	600
aggagaccc	aaaatanaaa	tcgacctgcc	ctgcctatgg	atggcggaac	caaccacag	660
ttacgggggt	tgtggattat	gaaaaaaacc	aggtttcggc	acaaaacagg	gggtcgcgcc	720
ccatacccaa	ccaggatttt	tttttttaca	ccccaacccc	n		761

<210> 7310

<211> 715

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 7310

cggttgtgaa	tcagcgacac	tatagacgag	ctatgaccag	ctatgcatcc	gactagaagc	60
ttggatcctc	tagagcggtc	gacaagtatg	tatgtctaaa	gctacatgat	cagcctgaac	120
cgagcataac	tcgagtgccg	agactcctct	gatgtatatc	gagatgaatg	acaaacctac	180
gggtccggtc	ttgagaagtg	ggctgagatt	tctcacttgg	cgaaaaaaag	gacgggcgag	240
cggaacctg	agtcagacga	aatacctggc	tacttgggat	ctcacatgac	ggtgttgtgg	300
aagagtgcac	ctattgtcat	tgctggagtg	acggcagagt	aggggtctaa	agaaacccat	360
actgagtaga	gatggagaag	acaacaaaag	cccaagacga	cagagacgac	agaagattaa	420
agctatcaga	gcgagactat	atcactattc	gaaacctgcg	agtaatttaa	caagaagtac	480
acatcatcat	tgttatcaat	tcgacgaaga	catggtcgaa	aattcttgcg	gtgtatatgt	540
ctgttgata	tgggcctggg	cattgttatt	tttcgccgtc	tttatgtgta	ctaacacttc	600
cattgatacc	ccagaacana	agatgaacgc	ttaaacagca	ccaaaatcag	gagaagaatg	660
gcgctgctct	aggtatgctt	ctgggataaa	aagcgatggt	gaaacctctt	aaaaa	715

<210> 7311

<211> 692

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 7311

caacgaaaga	acagcattgc	atgtgaaaac	acaccctacg	ccaccagct	cgcttccaag	60
cgaattaacg	tgagcttccg	caagccctag	ttatccgggtg	gctattcggc	catttcacgg	120
tagttactcg	gtagctgtca	agagttcgtc	ttcggaacca	tagttccaga	gacccttctt	180
cgaaatctag	aagagccac	tattgcttac	ggagcttaac	accacctagt	ccgtagcttg	240
cacagctcca	ggcggagggt	tgcccttctc	tcttcaagac	nggacccgat	tccgaagtac	300
tgggcacgca	gaattggtga	tacacagtat	ggtgcacgta	accgtggaaa	aggataagca	360
atgcctcgcc	atggtggagc	ctcaattagt	ccgacactgt	ggcgcatctc	ggttctgttt	420
ttccaatttt	gaggcctaca	gtgggacgct	acaaacacat	tgtgagaggc	cacgtctaaa	480
ttaatggggg	aaaacttatt	gcggggggta	ttattaatca	aaattctcaa	aaatttgaga	540
aaaaaattgc	taagggggaa	gtgttaacaa	aaacacattt	aatgggcccc	caatatttat	600
caacttaaat	ctttatgggg	gagggccaat	gggtagggtt	gaaaacaagg	gtcttttggg	660

aaaggtttta ttcccgcta ccatataaaa ta

692

<210> 7312

<211> 680

<212> DNA

<213> *Aspergillus oryzae*

<400> 7312

cgactggaga	agattataca	gcaaactaag	aatccagaat	gcatgatact	gctcggagcg	60
ctttatgcgg	aggaggctct	taccagcgag	agaattggta	gcaaggaaga	caagtcatcc	120
gaagccaaaa	aggcgatcag	tcttctagaa	tcggttcgcg	ccctctggaa	ggacgaaggc	180
aagaaactct	cacctgaaga	gtcagttttg	gtgtattttg	ctcgcttgta	tgagcgtaca	240
gcgcgggaga	agagcatgca	gtgcctgtcc	cagctcgagg	aattgcaact	ggcagcaatt	300
gttgaggatg	aacatcgaga	aggtcttgaa	aatgaggagc	agctcacagc	tgctcttcga	360
gtaaacctac	cgctcagct	tctcagcaat	atgggttgct	tcttgtagca	ggctgagaag	420
gtagaccaag	cacggactat	gttcgaaatg	gcgttgaatg	cctgcggtcg	gtccaagag	480
atagaaaagc	agcatgacac	ggacgccctt	gtcacgacta	atagttatta	tcttgagcga	540
acatacaatg	ccctccgaca	tgcccgagg	aagcaaaaaa	aggattttta	gggtctttta	600
aacactctcc	ggggattatt	taggaacaag	gcgctttatc	gacacttttt	tgttccttct	660
ggggagccct	acgagaaagg					680

<210> 7313

<211> 706

<212> DNA

<213> *Aspergillus oryzae*

<400> 7313

cgtctacgtc	tgcatacctt	tcgttccctc	tctcccgcg	tctctcctgc	aaactttcgt	60
gtcagatcca	caatggccga	tcttatcgaa	tccgcaaagc	gcgcagccgg	tcaggctgct	120
gtaaagaacc	actaccctaa	ggatgccaag	tatgtgggca	cttggcagag	gtccgacatc	180
cgatattatg	gttagccctt	ttaggagtat	atgaaaatga	tcctaagcca	cactttgtca	240
atacctgagc	taatgtgttt	gtaggtcgaa	agagctcctt	acggctgata	gatgtaatcg	300
cgtcatgata	ttagtctatg	tggatatatt	gcgacgcccc	ttacggatta	gacgtatata	360
attgaccaca	ctcaattggg	aacagatgtc	aaagcttagt	aaccgggtgt	aagagtctcc	420
ctcacttcgc	gatgtggaaa	gaagactaca	ctgctcgaag	cgtcacgaag	cgggtgatct	480
tctatgacga	cgatgttact	cacgacattg	tcgatagtat	ggctctcccc	aaacgtatgg	540
cgacggagca	ggggccgtgc	cccaccttct	gatcggacga	tgatggttga	cgtacgaata	600
cgatcatgat	gatgctgacc	gatgaagatg	acgaggatgt	ccgatgagtc	atgagataat	660
agatagacga	tcgaggttgc	tgattgacat	cgagaacgat	cggctcg		706

<210> 7314

<211> 640

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(640)

<223> n = A,T,C or G

<400> 7314

caggagaata	gggttggttag	gcagcgctcc	taagctggca	tattctgagt	atctgaagag	60
cttggttggtg	gcatacagcc	gaactgaatt	cgacactgac	gcggatccta	tcaagcgctt	120
cacgcgggtct	cacattgagt	tcgtcgatcc	tgattcacag	caagccatct	gtggtccgga	180
ggataaaactc	aggccctgga	gaccgcatgg	agcagctgga	gagaaaatca	gttgcatctt	240
agagtggaca	cccaagaaag	gtgatgagga	atatcacttc	attgttattg	gtacggcccg	300
tanaaaccag	caggaccgag	gccgggtcat	ttttctacaa	acgtcaagga	tgctgctcaga	360
tccttcgcaa	atcgaatgaa	ccgtgaaata	tgttcacaaa	tttgaggggac	cggttaattc	420
gatcggacca	tagggaaact	ttactctaag	ggtttcaccg	tngcaggaaa	ccgcccctta	480
aaaacccaat	ttttcacaca	ccaaatggtt	taggggcaaa	agggaccctg	ggccccttcc	540

aggggtttat taaacctctt agacccccctt ttacaatgga aatttaaggg gattttttta 600  
 accccgaagc gctggggaaa aacggggccc ctctttcaaa 640

<210> 7315  
 <211> 730  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 7315  
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 ctgatgacca tgaccggct gtacgggtgc acctttaccg gggctaggaa tgatctgcct 180  
 aacagcggga ggacaccacc gacttggtcc atattcacgg gcggacaaga acgtataaag 240  
 acgccgaacc agatgctcac caacttctgt atggaatgag agaaagggga gactccaaca 300  
 gaggcctcgt tgtggcgacg ttcgataatc gcaaccacgg tgacagaaca attgattcag 360  
 tcgcaattca ggactggaaa gggggcaata tccagcatgc acaagacatg ttgtccacga 420  
 ttgatggaaac caccgacgac atcaaaactag tcatgaaata cctggcgtct tatgtcgaag 480  
 gcattttcca tccgacccag ttcataagtga ccgggggtctc cctggggaggc cacatcacat 540  
 ggaacatgct cgccgaggaa ccttccattg ctggtgctat tatcatcgct ggatcaccaa 600  
 acctcactga tatgctcgtg gagcgccctg gatacgctc cctatccgac ataccacana 660  
 acacgaagga gtggccgagg tccatcgaaa gtctatatcg agagcgtgac ctagcactcg 720  
 aaaagatagt 730

<210> 7316  
 <211> 708  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7316  
 cttgtcagtt ggactggact aaagcctctc acgcctgctc ctcttgtttg tgttggtgtt 60  
 attcacacat cgctttttgta atatcatcaa agctgaacct agtcgaatca ctgaaacact 120  
 gtatcagtcg gttgttcacg gcatacattg tcttcgagat gaagcctgtc gtgtcggtgt 180  
 tgaatgcgtg gtctcgcgcg atcatatccc ttttcgctat tgtcatcctc tcggtcctcg 240  
 gatcggttata caagggttcgt ttgctgccgg atccgccacc agatcttctc gcttgatgat 300  
 ggcgaacttt gttgtctgtc ctgctgtgtg tatactagga gtggtagcta atcgagatac 360  
 tcatagaagg agcaccacgg cttcacccggc tcagaggggtg agcctgagga tggcgctgcg 420  
 gtcgcggctt cgatcttcac agcctgtgtt gtatatgccg tacgatttgc cctaccttga 480  
 cacagtaatt agaataccac atcgctgaca gtggcaatct ataggccttt ttcgttttct 540  
 gttcttttcaa gcctatcttc acgtacgaaa ccgcagggga ggcgccatat cgcttaacta 600  
 attcgccact attgttatac cccttctttt cgatgatgaa attcccaaaa tttgattctt 660  
 tggccatacc gagatataac tatgttgccc ggatgatacc accgaggg 708

<210> 7317  
 <211> 573  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(573)  
 <223> n = A,T,C or G

<400> 7317  
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 agaaaggttc accgaaagat gactctagga aaggggggag gttaatcttt tcagtggaaac 120

atcccatctg	cacagcccca	gttaatccac	aacctgactg	gaaggttctg	ccaattgaag	180
atggcgatgg	agtgggtaga	aagatttggc	ctttgaactc	ctacagtgat	gaggggtccgc	240
gcatgacgag	ctggctgggc	gttgacgggg	tcagaaagta	tcacggaacc	gtcgaaaactt	300
atgtgactgc	tttgcttcag	aacggttacg	tcctgactgg	gttgaaggat	tgggttcctt	360
cggagcatga	cgttgaggag	catcccgaat	ggaaggatga	aaggcatcgg	ccgtattttc	420
tgctcatctc	tgctgagatc	cattcagatt	attagaatga	atctgttaaa	ggccctgggt	480
gtaaagcagt	attgacctag	gtattctaac	ttggatcctc	attggacgaa	tctgaaaaca	540
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<210> 7318

<211> 176

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 7318

aagccagaag	cagtgtagga	tngtactcat	tggccgagga	cttgggcccgg	atgcacagcc	60
gtggcanagg	agttttgagg	cctttntaga	gagggatgag	tagtacaagt	caattgcagg	120
attatagagc	ggatgagtgt	gctatatgta	tagagggcgg	gattcaagtt	atacga	176

<210> 7319

<211> 773

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 7319

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ccttcaacac	cgtgtgtgct	tttgattgac	aacaatcatg	gcgtcgtctg	atgtcaaaga	180
tattgaacat	ggcttgatc	ggagggacaa	tgaatcggag	aagcctcctt	tcgaggacaa	240
cctgaaggag	gagccgcccc	agctcgcagt	ggacgccttt	gtcgtgtaag	acacggcgaa	300
ggtcaagcac	aacactttga	actgggtgcca	atgtgaaatc	ctcgagaccg	ttgacacagt	360
ctgtgtcggg	gtcttgactc	gtgacaccac	tcttgctccc	atgggtctta	tcccgaatca	420
tctctcatag	tcgggctcgg	gatagttgcc	acctcctact	gaggttatac	catcgacaaa	480
ttccgacaca	aatatcccta	cgtgcacagc	atggctgatg	caggtttcat	cctcatgggt	540
cccatcgggc	gccacatcat	cgaagtcgga	cagctgctgt	tctttctgtt	cgctgtgga	600
agcacctgtt	gaccttcccc	gtgtggatga	acaccctaac	cgaccatggg	acatgttcca	660
ttgggttcag	agttggcggc	ctggatctct	ccttgaattc	tccttgcccc	aaccatgaaa	720
atgtntcctg	gttcgcccga	acctctttct	tgagattttc	cccgcggcga	cat	773

<210> 7320

<211> 669

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(669)

<223> n = A,T,C or G

<400> 7320



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gatacgctct tgcattgtcg gtggaatcag aaccgcgccat ttctggcgcc agatctgacg      120
actcgccaag acttgaatgg aatctctaac gcccgtgaga ataaggaggg agatggaaat      180
ggtagtgtat ctggacagtc gttggcgtgc ctacgtgaca aacggaggat gaattccctg      240
ccgattgata cagagaagaa tctaattgtg gataatgggg cgtcactgac ctggaagtca      300
ggacgtccca ttgaccgatg gaccagctnt aatgctgggc agcagagtgg tcgtgggtcaa      360
aacaattctc aatcttttca aacattcaag agctgggcct cgtggctact gtcgggttctc      420
ttcacggcgg cattgatttc ccataatagt attgggcgat atctgcatgg cccggagggtt      480
ccccagtcct cctcatcagg tttcgaacca attgaaagag accttccttt caagaaagag      540
gaacatgtgc gcagggtggg gttgggggta ncaagtacaa ccttcctttg cactgtggcg      600
ggctgttcat atatatgtag tttcgacact agcctgcgcc tttccggtct tgccatatgg      660
tttccgcgt                                     669

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<210> 7321
<211> 640
<212> DNA
<213> Aspergillus oryzae

```

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<220>
<221> misc_feature
<222> (1)...(640)
<223> n = A,T,C or G

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<400> 7321
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accgtgccat attatcttcc aggacaggaa caaggatatg agctgcaccg tgcttgctgt      180
cttgactgac ggcggggcac atgggacctc gaacgcttct atcatgaaag gactcgtgac      240
agccacttcg tcatcttgaa agccgaataa aaccgcgcc ccttgggaac tcccatgggt      300
acctcaggga cttgcgcaac agacgaaagt ctaaaagtac aaaacatcat aacgttacaa      360
taatatatgg agcccttttg atttcaaaga tacacatact tgccgtaaca atagccgctt      420
ctacctttac gcaatcttca cctggcgctc gggtcatgac gttgatctcc catttgtagg      480
aaggctctag tcacatcatt ctggccgtga gtcaatagaa gcctaagggt tttctgtgac      540
tacactgcct agataatacc aatttcagtt aactggmnaa ggantnnann gncaaggngn      600
nnnnnnaaac tttctcgcgg ccgagaaatt cgaagaattc                                     640

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<210> 7322
<211> 642
<212> DNA
<213> Aspergillus oryzae

```

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<220>
<221> misc_feature
<222> (1)...(642)
<223> n = A,T,C or G

```

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<400> 7322
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accattttct cgcgacctgt acgcgggtat gtgtatgcga ctggtcgccg gggctccctt      120
ggctacctgg agcgtggact cttttctgag attgtggggg gcgatgataa aggcgatgtc      180
agcccgcagg tctctgggca aaccttgcca caciaagcat ttgaaaacat ggaaatcgcg      240
aataatgtct tcatcgttgg cagtttgacg ggcgacactc tcattcgggt tgcacatggc      300
agctgtgctc aaacagcagg caaactgatc cgtacatata ctggggaaaa caatgcaaaag      360
tccaatgcgg cggcctctcc gcgaccgcag ggatcatcac caggggtgat gcagggtctc      420
gatggccacg atgtttacgg aaacggaaac cacaggggcc aactcgataa aatagatagc      480
tgccggacgg agtaccctat gcccgagaag tcaggtttgc ttggaagcat atggaaagca      540
ctaacggcaa tctggtaacg atacaatgtg ctataatccc ttttctatac atgcatgtct      600
catatagatt ctagaagtca tgtgcacacc ctttattngt at                                     642

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<210> 7323

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<211> 666  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7323  
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 cctgcttttc tgaaaacttc taactccggg ccactcttcc aaatcgtttc gcaatgatac 120  
 ttcagtgtcg gcccatcgt gtgctcgatt caatcatctt cgcggtttt cctcaccatc 180  
 aaaagtttcc acgcaatcag ccttgccgaa aatacagcag caatttcgca ttctcccggg 240  
 tgagccttcg caggattctc cgctcctgac gcagccacta ggggtaaaaat ctcacgcgtt 300  
 ggcagatgtg cctactttga ccacatttta cgacaacatt gatgatctgt cgcagggagc 360  
 tgagggtctt accaatccca agccgtacat tatgccttta ctacagaaga catcacataa 420  
 agatccaccg accacagccc tgagcttata acactcatac ttagagcatg gcgggttggg 480  
 gatcatcgcg acttgctcaga gagggcgcca gagtgaccca gtggtcaccg atttagctag 540  
 tccgaagaac atccctggta ttgaccaccg atcaactagc gggacttacc aattgtcttc 600  
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 aactcg 666

<210> 7324  
 <211> 655  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(655)  
 <223> n = A,T,C or G

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 aaggtctccc ggagtgcatt gcaaaatgta ttccaaccct caagttcttc cggcgctggc 180  
 gccaaagcca gccagggcgg ctccgggctcg ggagacttan gcctcgcggc gtattatgcc 240  
 gcgtggcaac acgctcagca gactggcgat gatagtatt ggaaacagtt tcaggtgaag 300  
 cggaaactgg ggtggaaacc gtcgacgcgg gaagaggcag caaagttcaa agaagatagc 360  
 gtgaactcga cgaatcccca taatttcgac tcggctnaca taacgaaagc ctccgccaat 420  
 gcccaagtta acgctcaagt taagaagccg tggctcgaaa gaattaattc cggaaccaca 480  
 gcccaaactg aggaggcttc caatgaaagg ataactggcc ccttaggctt tccctgacct 540  
 accagcaaac ctgggttgct tgccggaagg ttacacggag caaggctcaa atgtttccaa 600  
 tcgaaatgtc cacttggttt ttacaaaaa gtccccgaga tccccaggca ttttg 655

<210> 7325  
 <211> 671  
 <212> DNA  
 <213> Aspergillus oryzae

<400> 7325  
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 gtcacagcct tgtggtttat ttcccacaaa ctgtccgttg atgaccgatc agctgcggac 120  
 ataagatatg acgaaagggg ccactctcca tccgtctctt gttctttaga gactaccgaa 180  
 agacagatct tccatgagca ctgtttgat tcgatcagag atccactgct cgactaagct 240  
 ttttcaacgg gtccatcagg cagatgaatc aactgtcacc accgggcccag aaccgggtgtc 300  
 acctcgaaaa tctacctgtg gagatcatte aggagatctt cttccactgc cttgaattca 360  
 atctcccacg ggctctctctg tatatctcca gagtgtcttc tgattccacg gtatacactt 420  
 ggcttatccg actcgcttcc agcagcgcga acgagggctc aaagagtgat ttctttactc 480  
 ccgactttct accaccgcct ctgtgcttct ttgcgctctc tgaacatcag agaagggacc 540  
 ttcaacatga aatccttgcc tctcgttggg gcacactacc cttgatgcgc aagtgccaaa 600  
 gggagtacgt ggaacatgcc attcgccgca agtgtcgaaa tctaaagttg cccctgaag 660  
 atcactatac c 671

<210> 7326  
 <211> 650  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(650)  
 <223> n = A,T,C or G

<400> 7326  
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 aaagattatc cacaccatgt gccgcgcaga cattcttcac gcatcccggc ggccctgcgct 120  
 ggcaggggcct ggtcctgcac aggcgtcttg ggggtgaaac tgtctaatac ttatccccgg 180  
 acaaacccca ctaatctgct gtcagatatt actcacagag actcagtcaa ccaactactc 240  
 ggccacaagc atggctcgct tgtcaatatt ctgcctatca tacttcgccc ttacctttct 300  
 ctcctacgcg aacgccttgga cgctaacctg gcgaaatgag actggcgccc aaatagtcga 360  
 tggcgactct gaacaaaact gtaccaggat ttaccatacg aaaggcgagg aattctcatt 420  
 caaccccga ggcaagtggg gcttgaaatt ttgggacgag gcaacatgtg aggcacagat 480  
 tggaaaaacg tgcgatgggc ggagatggca acanattgca tcacggaata tttctgcatt 540  
 caacgtctac gcgatccgc ctgctgacat tagcgcgaac cgtatggcga gtacaagtac 600  
 gacattcact gtaagcacat catttacgat cactaccagc gttttttggg 650

<210> 7327  
 <211> 525  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(525)  
 <223> n = A,T,C or G

<400> 7327  
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 ttcattgctt ttctccccgt cgaccacgtt agcattgccg gcatatcctt tccattcaga 120  
 tgataagggc atgtttattc cataaaatcg cgcacgaagc atacctagcc atcaacgcaa 180  
 gccaaactca tggacaaaaga gaaccagaaa agcacaagag aaagggaaaa atacaaccaa 240  
 ccattccacc gtccctccgc atcccatgtc ccgattgata aaaaacgaag cccaactggg 300  
 ttgcggctcg agagggtatg aaaaaaagga aagagcaacg gacaaaggga gaaagtagga 360  
 ggagaatagg ctggaacagt gtcttcattg tttccctttt tccatcctgt tttatcatgt 420  
 ttcttttttt acccttcttg tctaagagct taccttactt accgattttg cccatctaatt 480  
 gaatcaatta acttcttttc ttcttcaaaa naaaaaannnn nnnnn 525

<210> 7328  
 <211> 808  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7328  
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 agcgagaaaa gacctcgata tgacagcaag ttctggacaa gcaggctcct gcagggaactc 120  
 gaaatgcagc cactggaatg acgcgcataa tagattcacc tgcaagggaag ctggctgccg 180  
 gaaacagtgg aaaatttgcc aaactggcga ccacggaatt tccggaaaat acgccatatg 240  
 ttcgaaatgc aaagatcatc ccgcagggtg ccccgatggc tttatggagt ggatcgacct 300  
 gacacaatga acatacttca atcaaccttg ctaagccatt catcgatgaa ttctgttgag 360  
 ccggtaacct cgatagtacc ggattocaca tcgtccacac actcatcgtc agaactttcg 420  
 atatcaatcc atgagtgtct gtatatgggc ttctcattag ctggatatcc tgttgaccgt 480  
 agccagctga atattccgcg tgtagccgcc tctgacaatg attccgaaaa caatttaagg 540  
 tcgtgttgtg ctgatggata tcgttccggt acatgtgtat ttaaaccatt ttcattgtca 600

gaagtaagat	ctatgccag	atcttcaagc	tcttcacat	ttgcaagaac	ccagttccaa	660
gagtatact	ctaaacaatg	gcatccgcaa	catgcatgct	gccgaacctg	aggttctgtg	720
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tcgcagcatg	taatgaagag	aaggcgac				808

<210> 7329  
 <211> 681  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(681)  
 <223> n = A,T,C or G

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tctgttttgg	gtcgaaacgc	tagtattgat	ggctcggtag	actctcgagg	ttatcggaat	120
tcgaagactc	tagtgatga	accccggtca	ccaagggtga	ctgctcatca	agaagctcta	180
attaaggagc	tggaggccgt	aaaaagccgc	aatgcatggt	atgcttccga	gcttgcatg	240
gccaagaagg	ctggttacac	gccgaatcct	tcaagtagcc	caactttaaa	cgagcgtgcg	300
ggtgatgctg	tcgctgacga	agaccgcccc	ttgattgagg	cattcctcgc	aatgagggcg	360
gaactcgcaa	agatgcaggc	gactgtagat	cgacaagctg	ctatagcttc	caagcgggtc	420
gctgaggttg	agcaccatag	acatgtggcc	gtcaatgaag	cggttatgct	tcgtgctaaa	480
cttgccgctc	atggtggtag	tcaaagagga	actacacagc	ctgacgggcg	ttctcaggat	540
tctgaggaac	tgatgacnga	gagaggga	gatatcatca	aaagattggc	tctatcgctt	600
gcattctcatg	ttgaagctca	agcacaactg	gatacggtgg	ctagttagct	tgaacaacaa	660
aagcggggta	aaaagcttcc	t				681

<210> 7330  
 <211> 628  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(628)  
 <223> n = A,T,C or G

<400> 7330						
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ccctcgcttc	cgtttcagtg	cagtaagacg	aagttgtctt	gattggggag	ctggtggcct	120
cgtgcgcgtt	agacaaaatc	tcatgtgatc	gtctagcatt	cagttgagtt	gattctgtta	180
cactaacttt	ttgagttcta	tttgcggttt	actatccggg	ccttaccatg	catgttcatt	240
atgacgcata	cttgatcggt	gtttttacaat	ggtcgatttt	gtgggagttc	tggtcttggt	300
ctaattggcg	ctgtatttct	tctttctttt	cgttttcatc	atatctcttt	cctatgagag	360
cattcgatac	acgctgttac	gacaatacgc	gaagtgatat	ccgagcatat	cctacgaggt	420
ggagttgcag	cactctaacc	ggtcagtcgg	gttgtaacac	ggttttgtgc	gactcgatgt	480
cattccgggc	atccttactg	tgtgacaacg	ctggctcttc	ctggtgtctg	ccacggacga	540
ctgcttctcg	tgtcatgcaa	cgtgcgngtt	accttgtgtt	attcccattt	tgactgcat	600
tctgcccggc	tgtgatgatt	gaaatgct				628

<210> 7331  
 <211> 562  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7331						
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cccaatattg	tggttaaacat	gccaccgccc	togactcaca	gaaaagatgt	cgaaccccc	120

gaggaaatca	cctcgggaagc	tggttcgagga	tttctgacag	gagcgtttcg	atttggtctc	180
gtctctattc	tagcgcatat	gatcatgata	cctccccatc	cttttcaagt	tctcttcctc	240
cgcaacacca	cctgcaccgt	cacagcctca	ggcccaatcc	tcgccccgac	caagaccgtc	300
gcttctttcc	aaagactaac	ttcgatccaa	gctattttat	cgccccctgg	aaagggtctc	360
gggatggctg	gcttcgggct	tccggatcta	ttcgggtctt	aacccccaaa	caaagggttt	420
tttccaaatc	caactattac	tcttgagggt	gtttcttggc	ttagagaagg	gtgaaaaact	480
taattacctc	tttcggaaaa	accaacgggg	gggaacggtg	ggaggcccac	aaggcgggaa	540
aaaattccgg	gataatgacc	gg				562

<210> 7332  
 <211> 639  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(639)  
 <223> n = A,T,C or G

<400> 7332						
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gcaaaggaac	caccaggctt	cgcgggacct	tgccgttcgt	ttgaaccaat	ggcaacctga	120
cctgctttcc	gttccggact	ctatcaccat	tgaacaagcc	ttgattatcg	gcggtctataa	180
aagccagtct	gacatggaca	aagatctcgc	taatcgtgag	aaagaactga	agtaatgaac	240
tgagactaat	ggcattcgca	gagtgtcgag	ttatgtacaa	ttaccttctt	ctctgggcat	300
ggatttgtct	agccactttc	tatcctatcc	acataggatc	acttctctgt	ccacctttat	360
atcatggact	ttgtttttaa	cgtcagatac	ccattgtcat	gagcgtgcga	gattcggtga	420
atggatcggt	ttttgttatc	attactgagc	aattccaagc	ttctgacagc	gctacggcat	480
cgccttgtct	ctcttcaatt	tcctaacatt	tcacagtcac	gacgacgaan	agtcctcca	540
aacctcggtt	cttgcgtaaa	gaccggttca	cgattacagt	gtcaccgcgt	tgcaacattc	600
ngattcttgt	aaattctnca	aaagaaccaa	gcttgctca			639

<210> 7333  
 <211> 629  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(629)  
 <223> n = A,T,C or G

<400> 7333						
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aacctcccgg	tttctgaaga	tggtgtcaag	gcagtggcag	ggagtttata	tggtgggcat	120
aaaactatgg	agactctatt	tcgatacaga	ggggagaatc	tcccagtctc	tgaagagggtg	180
gtcagggaa	ctgcaaggaa	taatggagat	catggacctc	aagtcctaga	ggtcctatct	240
caacaaaggg	agaatctgcc	aattttctgaa	gaggtagtca	gggcagcagc	aggaaataat	300
ggaagatatg	gacttgatat	cctaaatatt	ctatttcgat	accgagggga	gaatctccca	360
gtctctgaag	aggtggtcag	ggcagcgcca	gggaataatg	gagattatgg	acctcaaatc	420
ctagagggtc	tatttcacaa	agggagattc	tgccaatttc	tgagcggtgc	gttatggtag	480
cgcaacggaa	taatggaaat	tatagacctg	aaatcctaaa	ggtcctatct	cgccaccgag	540
gcaattatat	gagggaaagc	gggttacacc	tcgtttccta	cgaaaggcgt	gtaagcttga	600
tttaaaaccc	acctatggtc	ctcgcccn				629

<210> 7334  
 <211> 630  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(630)  
 <223> n = A,T,C or G

<400> 7334  
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 gagatgacga atcgcttgng cctgcttgac atctcagcta atgtccaaca cgcatacagc 180  
 ctgccggctt atgacagcgg gtggtggctg ccagctctgc tagaggaaact agaggcatta 240  
 gtatatccac cgccagcagt gaaacctcgt gagaagtcta caccaacctt actttgcttc 300  
 gacccaatca tttaccgct aaagtgggtca ctacgcctcg tgatcgacga tctaacggct 360  
 tcccagatca gccgtgaaac ctgatgcgcc cgcatttgcc gccttgtaag ttggcctacc 420  
 ggnacgcagt aacctttcaa gattcttatt ccaagtcaat cgccaaacac aagctgggtga 480  
 acagaagaat ctaacccag agccacacct ttggcaccgg aacgtcaaac ggcgccaac 540  
 acaacaacgt tccgttcgt tgaattgaaa aaatccgata aacttccttg caagagacc 600  
 aagacttctt taccgaaacc ccgacaagaa 630

<210> 7335  
 <211> 590  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(590)  
 <223> n = A,T,C or G

<400> 7335  
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 gcctgcagcg gaacaagtct ctggtgagtc tatcatacat ggaccgcgat aggatccagt 120  
 cacttgacaa ggtgcgccga gagatcgaaa gcgtcaaacg tgatatgggc gtcgcgcaag 180  
 gttccactac gagcacgac cgtcgatcac taaacgcggc aaaacatgcg acagtgggac 240  
 ataaatcaag taaacatttg catgcgcgg gccaccttcg cgccggagtt tcgatgccca 300  
 acaatctggc agctgccgaa gcctcacctt tcctatacca cgacattgaa gtggtcctgc 360  
 aatccctgaa tcgaaaatgg gacgcggagg tttctgcct acgtcggtat ctatttcgaa 420  
 acttcaacgt agccaatggg cttgagggtg aaactgctgc gcttgatggc gacgatgctg 480  
 ccagtgcagg gcgtcccaac acggcagcga gccttgcgac aatgctggac aacctcaagc 540  
 ttgacgtaac agtatccgaa aaggaagtc agccgaggcc gcagacnaat 590

<210> 7336  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(664)  
 <223> n = A,T,C or G

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 cggccacgct gcccgccaga acaccgtatc acagttaggc gagtcagact tcaagataga 180  
 gattcgaaat cctcgactc agaggacgtt ggcccaactt ctatttgaga cgttcgtcag 240  
 ctctctcgaa agcgccgtat cgtccgtgat gctttggacg tttgcctct ttcgctgggt 300  
 ctggaaaact gcaaacgcta atctaattat ccttgccctg ttaatatcca gcatgctgat 360  
 aaatggattc tatacctcac gggacgccta tgattggtgg tacgaaagga aagccgagaa 420  
 tttcatggct cgtctgggag ttcaaccgga ccatgtcatg agcaaagcta tttacatgag 480  
 ggacatcgat gaagtgattg caaactcaac cctcggacat gcgagcgacg acgtgagtga 540

cttgetcgcc acctttcatc agcaaaccat acggaatggg ggggaacacg tgnatcatca 600  
cacgtgttgc ccgagagatt tagcngacaa gaagcgcagc cagaccgctc cagcagactc 660  
gtga 664

<210> 7337  
<211> 654  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 7337  
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ttaattcgga attgtgcaat actattctct gatgttgttt ctatcagtc cctgtcttca 120  
gattgaactt gatattgata ccggtcaca cacttcgggc tctaccatg tgtcttcgac 180  
ctccgatgca gacgagtcga aatatctcca aagggttcaa taccttcgtt gggttcgact 240  
cgctctcggg atcatcatct ttggcgctgc ggtctctatc atagggtgtg aagcagtcct 300  
cttcagcat tatcgagcga catcagcata cggcaaggtc ggattatata tctggccctt 360  
gaacttcgac atccgtccga ccgtcgcatt gctgtcctgt ggttgcataa ttgcctttct 420  
gaatttgaca tacaccatta tcaactctct tctttctccc cagcacata tcatacgaca 480  
caacctcggt tcgacagcca tcgccatctc aggaatcctt aatgccttaa tgggactcat 540  
ctttcgcgtc cttcttcag acacaaatcc cccaacggg ttcacgaaag ttgaaacact 600  
gctttcatgg acctgcaaat ggaaaaccgt gcatgggtcca ctgggtccga aagg 654

<210> 7338  
<211> 670  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 7338  
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caggcactaa attggagccc gtcaggtgca aaatttcgtc cgcctatggg attggacatg 180  
gccctcagat cggctgtctc ttccgcagct gtcactggct gattcaacgg ttgtcggaa 240  
agggctctgcg tgtctcgaaa atgcgacttc cagacaccga acgatgaagc tcatagacaaa 300  
tacaatgtga tggactcctc tggggcataa tacagttaga acagccgcgt cttttgagcc 360  
ccaaagatag gcgcctcctg tgtttcatat tctccccgcc caggaggggt cacgtttcag 420  
aatccccgac cgccttacc ctaggctct tggcgatgta actttgtcgc cgaccactg 480  
gcatgcttga gcgaagaatg gaggcgcgct ccctgccggg attcatcaca agctagacat 540  
ttttgtctgc agcctgatat gaacagtgat tcgctctgac ccctgtggcg cgactaggca 600  
tgaacagcct tctggcgagt cgtggacccc acgggcgcct ctgcatgcct ttggccaaca 660  
tcataagccg 670

<210> 7339  
<211> 673  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 7339  
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ccccgtcatg gacgtattct atgcttatac ctactccaca gcgggatggc tctcgtgca 120  
gagcatatcc ttgatcaccc tcccgcatac catgacaacc ttgctgttgg atgagtcct 180  
atcggcttct gaattggaaa tatactttgc acgtgtctc gggtttagtt tactcaccat 240  
tgccgttcta acggtgatgc tgacaggatc gatccctttg aactccacgg tgtctgaacc 300  
ggtgaccaca taggacaaca atcccaagga ccatttgct tcccactttg atcggtacag 360  
cccttttcaa ggatttttgc ccttttacc ttatccccgg aacttgctc tgggtcaata 420  
ctggcttttg ttttaggaat gatcgggttc cttgggggtg ggcccccaat tgtgccttat 480  
gtggtagcct cttttgcat cttataattg gaacaaatta tttgggaaaa aatgggttcg 540  
gttattaaaa actatgggtt tttttccata caaaaacaaa tcttgcctta gtcaaaaaaa 600  
attgcttata aaaaaataat gtctcttttt gattgggggt attctttata gggtaaatat 660  
agttttgatt gct 673

<210> 7340  
 <211> 657  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(657)  
 <223> n = A,T,C or G

<400> 7340  
 cgaggcaacc ctcaggccct ggccctggct attaaacaga atctgaccat atcgccctgca 60  
 agctccggat gagtggaccc tgcgactacc gccgcagacc cgcggaatagg atgaatggat 120  
 cccagatata ccccgaggatc ggcatactcg gaccgcagta ggccacagcc aacaagggaa 180  
 agagatccag cccgcccggcg gtagatgaag gatgcttttc ccttttattt gtctatgaat 240  
 cccaggggtg tagcttcaat tccacctttt gtctcaggag aacatcgctt tgggagtatt 300  
 aaaatctgcg caatcttttt ttactttcgc ccctacctcc agcatctata cggattagat 360  
 gccttctttc ttggcctgtg aaagaccagg ccaaaacaat gatgcttaag ctgttgagac 420  
 caaattgcag tctatttggg gccatacctt angaaacccg gatctcgtgt ttgacctgga 480  
 tgccaatcaa gttatccttg gttggtttct tatgctcatg aaacgtctcc attggacgtg 540  
 gctggntggn nccttttctc tcttatcctt ttctgcttga cctggctatt gctaccgttt 600  
 aaaggggcan aaagcataat aatgggaaca ttgactggct ttgggggctc ttggctg 657

<210> 7341  
 <211> 664  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7341  
 cggataatgg cgtaaaacac atattgtcat cactgcagta tctaggctca tcaggggtgt 60  
 tctatccgtt gtcagcctat gttcaggcga cggagtccaa attggagact cgaggggtca 120  
 gactcctctc cactcccttt ttgcttgaca tcattcccct tcgcgggagg acggcggttct 180  
 ctaggagggc gggttttccc aaattggggc acatctgcag cccttgacg taccttgggc 240  
 ttgcctctt ctgccacctt taccatcttt gccaaattct ccttgaaggc cttgacgtcg 300  
 tctattctt catcttctc ttcttcgact tctcttctt cgacttcgtt ttcccaacac 360  
 aagccagcac ccgcccgcct gtggaaatct gggctcgagat cctcatccga agcgtcagct 420  
 gccccactca tagcaagaac acgatgtata gtccactgga gctggagcaa ttgaccgat 480  
 ggtaaaggga gtttaactgg atcagttgta tagaaagtat cccgtacttg tgtctcgaga 540  
 taagaacggg ggcaattgga gaccgaagtc cgggtgaatga ctggccttta gattcttatt 600  
 tgtagccgcc aaaaaaattt accggccatg tttttttgcg tcactcacct gaagcgggtc 660  
 caac 664

<210> 7342  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7342  
 ggaaccgca accaagggtt tgaccaggag ttctaacgag ctaatctcaa tctgtcactg 60  
 attgaggcca aagtgtcgct cctccatagc tggaaattct tcgccatcga gcattgctca 120  
 gactttatga cggatcgaga gggttcagaaa tcgatggctg tagtcgtaca gagatgcctt 180  
 gaagctaata ccaatggcgt tccacaagaa gcaatcttcg cacggattca acaaacacgg 240  
 gtagattttg cacaagctct cctccagcga cttgtcgaga ttggatcccg ggggtgctgaa 300  
 gtttttgggtc tgcttggggg agtgtgggat gcattgcgct ctgcgccgcg aacgtatgag 360  
 gaggcaatca tcaatgacga caccgagttt taccggctcc ttctcaatgt gctctttctc 420  
 gcccttcagt ttcatcaaga ctacacctca cagacagcgc ccgaaacgcc tcagttaaaa 480  
 agctgaggga tcattctgac cttaagactg gggggcgaaa tgtaaagact gtggatgctc 540  
 aaagggctca atctttgacc gcgttcttgc ccgaacaacc cgagaaatgc acaccgtatg 600  
 acttttgcac cattacagac attctgaaaa acatggttgt cagtgtaaac atcgtgatcc 660  
 gcgatttccc t 671



<210> 7343  
 <211> 691  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(691)  
 <223> n = A,T,C or G

<400> 7343  
 ggaattcctc agtagcactt cgccaagctt tggagtctct agtggccttc ctcaaagtcg 60  
 acagcccgag ctaattgccc agtcgaggtt tcttgagat agtccaggga ccaaggcagg 120  
 gttggaccgc tcacaatccg gcaatggtga aagcgagccc ggggttatca ttgatggcaa 180  
 tggcttcgcg catattctaa cagttgccga agaggcgag cgtaacctga atctgcaaca 240  
 agccgtcatg gcaaagatga aagctaattg gggtgaatct aactcgaatg cattacccca 300  
 gacgccgaaa caagtcttgc tacgccaaga accacagtcg gaggaccagc ccatcccttc 360  
 tagactccag aattcctggt cacataagag caaagcaact acgttgaatt ggaagagtcg 420  
 caccgaaaca cctgcaccc ccaataataa gccaccttt ttccagaaga ttgccggcgt 480  
 gttcaaaacg cgaatggctc ctggccaagg aaatcatgtt ctgggtggagc agcccttttg 540  
 ccttgcccac taataatgct ttgattctcg ctgggtgtct gcaattcgct agatttcgat 600  
 atattttcgt tctatacatt tttcttacgt tggctgccat gtatctgcaa agcgatccca 660  
 tggagttgat cnccgatagc atttgtacct a 691

<210> 7344  
 <211> 436  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(436)  
 <223> n = A,T,C or G

<400> 7344  
 gcaagacaag agattctcgc cgcgcaaaga ggcgaaactc agaccgaacc caaggagacc 60  
 gtataacccc ctctctctct cttctacacc aatgggttca aaccacaacca ccctctgctc 120  
 ttcccataaa catacatggt aacagctaca cgcataatag acccctcttg ctctcttttt 180  
 ccaagactgt cgccccctac cctcataatg attgagtctc tgatactcct ggcgggtatt 240  
 atgagcattg tcagaccgtg agaaaagttt gctgggtttt gctttctgct ttagcttaac 300  
 gtatcgctat ccccaactca acagggatct ttggtgttgc ttgatagctg gagtntgtaa 360  
 aataatgtat attaaattgg aaactgatga actggagtaa atacataatt gcatgcagac 420  
 aaaaaaaaaa aaannnn 436

<210> 7345  
 <211> 263  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7345  
 tgaagtctat cgagtttcag ggtttctttt gatatgtgtt ctttttttta aggaaattgt 60  
 cattgtcctt ctattctcat ttcggcgatg aagatactat aaatataccc taaggaatgc 120  
 gggtaacttg tctgcaacta caggcgagta ctcccaccag tgctgcctt gcgggatact 180  
 aggcaaaatg tcaatgccat tactttgtac ccaactgtgac ttatatacta cagtagtgaa 240  
 ccagttaagt atgtgttggt atg 263

<210> 7346  
 <211> 627  
 <212> DNA

[illegible]

<221> misc feature

<223> n = A, T, C or G

ccactgggtgg	cttcacaact	ggatcttccg	gtgactttgt	gttatccatg	atgcgctgtg	60
tcggaacgtt	cccttgaggt	tctggaatgg	ttccaaccgg	ggcgcacccg	agtcattcat	120
ataccttcca	tggtegacag	cttagttgat	acgccatgtc	atctagcggg	atccactatc	180
gcccctatag	taggggagag	aagcccaaga	ccgtccgctc	gggaagatta	gggtttcgag	240
gctcctactc	cggagatact	ccccgataag	atagacggag	gactatctcc	ggccaatcag	300
ggagccaaga	tcgcttatct	tgtgttgcca	ctaaggagat	gaggtaaacg	cttcaactgc	360
cgaaatccgg	gggtccctta	tcattgcctc	tagccccatt	ggccgttcat	ggcgcggaga	420
ttgctttgaa	attcatgata	aatgagatca	aataatgaaa	agaaggggaca	atcatgattg	480
gtacaattc	cacgctaata	gtatatcttc	agaagtctat	cttctgccgc	cactcaacgg	540
taaatgatta	aggcattgta	ctcagaattg	agtttttata	gcggtgtaa	cgtccctttg	600
atatcatacg	ttccaattttg	ccaattt				627

<211> 1108

<213> Aspergillus oryzae

gtaggattca	ttcggcggt	acacttttag	tactatagca	tccccacaga	cacaccctca	60
atcaatcgaa	ctttgccct	ccagccaacg	aattcaggat	gggcatggag	tttgtcttta	120
taaatgtcaa	agagccgaaa	gacgctctgc	agctcgctaa	ggagcccgaa	attcgatctc	180
acgtggctcg	gtaccagtgg	aagaaaatcg	agaatcgccc	gtctctcaag	cgaaaacgaa	240
atgcggtgct	atcgttctgc	atggacataa	gctgttcagc	aacctggcag	tcacgaagcg	300
attccgagga	cgactctccc	gagattccgg	acacgtcctc	caccatctcc	atccctctgc	360
agttaggggg	actgcgagac	gaccttttcc	ggtcctatcc	agccagtttc	aagccggttc	420
tgccggtctc	cgtggatcac	tacctggtgc	atatggccgt	ggacatcccc	gacatcgatc	480
aaccagggaa	taaaggccct	ctgagaacca	gctggttccc	tttgtgtatg	acaaatcgcg	540
cactcttctc	agtcatcatg	ctactcgcag	catcccatta	tgcgtctgtg	agcgcgcatg	600
ccgcagggtat	gaaaaatagac	cttctcaatc	ttcgttgtaa	ggcgggtccaa	gccatcaacg	660
atgccttgaa	gtatcaacca	ccggaccgcg	tcaatgatgc	actgataggt	gcgatagcga	720
agatgggaag	ttatgaagcg	atgtacgggg	acatggcgag	ttatagcgtg	cacatgagag	780
gactcacccg	ggcggttggg	atgcgaggcg	gtttatcaat	gcttggtctg	aatggattac	840
tccgccggat	agtgggtctg	atcgaccgca	acgctgcctt	cctgcacgga	tcggcgctct	900
attatcctgg	cgctaccttt	gcaccgggtc	aggctcccga	gcccaatcct	ggtcattttc	960
ttgcatcttc	gtaattgagt	aacagctttc	ggggtgtccg	tcttgatttt	atgtatgtaa	1020
tatcagtagc	gtgggatcac	gagttaatag	gaagttctct	ttttttcaaa	aaaaaataat	1080
gtgtggtaat	taaaaaaaatt	cctgggggg				1108

<211> 471

<212> DNA

<213> Asp

 $\langle 222 \rangle \quad (1) \dots (471)$ 

$\langle 223 \rangle \quad n = A, T, C \quad o$

ccatgtacct gatggttgga cgcaagcccg agtaaatgct tgttagaatt tgcattatgt 120  
gaaacgtctg tacaaatacc tctttcatat catcatccca cctacagacg aggcggagta 180

- 2610 -





<223> n = A,T,C or G

<400> 7354  
caagcatcag ctcaatatct ttcaatttca ctataactct ttatcattga gtcagtatca 60  
acaacatgaa ggcccccttac tttatcgctt ttcttgccgc cgccgtctcg gcgcagaatg 120  
ctttcattgg acttcctaag aaagaccagg agatcactgc aggagagaat ctagttgttc 180  
aggttcagcg ccggaactct ttaactgggt ccgaggagat ggggtgctgca attggcgtgg 240  
catcctgccc cgaaagaccc tgcattggctc cgaaagacac actgggcact ctgctctata 300  
acggggccctt caagcccgag taccacgata gctcgctctc ttatcagaac ttcaccgtga 360  
cgatcccaga ctccatagcc aagggagacg cacagatcaa cgtcgcccac gtggcaattg 420  
tcggggcgag cgcatggcca tatttagacc tgctcaatca gactgttggt gttgcttaga 480  
ttttgtgtgg aggttgctctg cttgttctctg cttgtatagg ctcttcgagg gactggcgag 540  
ttgtatattc attcattaat tttcttttga ttttaanttcg tggcttttat tttgggattg 600  
tcggtcctga ntantgtgat ttgaaatttg cggagaaatc gttagcta 648

<210> 7355

<211> 668

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(668)

<223> n = A,T,C or G

<400> 7355  
cgtgggcccc actgatgtaa tgtatcacac cggatctgaa taccaggtt ttcattgataa 60  
tgacctggat ctcacacatc cccaagattt caaccacatac tccatgatgg acttgactgc 120  
ttatgatgat gtctccggcc aaagcgggaa ccagtcctgc actgatgatg cgctgtctag 180  
ccacagctct cacacagacg acagccacct ggctgctagc gatgcttgga attccatggg 240  
gacagatacc agaaactacc acggatcacc acttgaacaa ttttcttcca gcatgtttca 300  
ccccgttccc gtctctcncc ctttgacgga agcgagtaat gatgtctctg ttacttctc 360  
atgttcccac accggatacc catcgtttat gaccacagag gatgccatgt tgaaggatgt 420  
tacaaccact ccggttggn a gccaatggat caatctagga gaccggttgt tcccgtcac 480  
gccgcccgtc gcggaacagg acccaaacaa gtaagtcncc ctttgactcc catttacgta 540  
ntgatcatgt cttggaatga tcctaatcnn actatcccct caantagaac atccgggggt 600  
ctaagaatgc acgtagacca gctcttcaga cccacaatc ccagaccag gttaagcagg 660  
gaccagat 668

<210> 7356

<211> 627

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 7356  
caaataattga ctattctttt ggcaaatagc agctttgata atggactttt cgacaagaaa 60  
tacttctgat aggctacttg agctcgccga tctcgtcacc cgccctccac gatttctttt 120  
gaacttgatt gatttaataa actggctgag aggcctccct ccttatgggtg gttaaagaga 180  
aacttgacga atgaccgcgc ccgcccgcct gatattgcac cggcaaacat ggaaaatcaa 240  
gtatgttcga gaggatgggt cttctagtac cattacacgt cttgtctgtt gaagcatagg 300  
tgctgggaa ctctgactag ctacacagcg gcgaggcact ggtcgctggg ttggtttcga 360  
ggtcgacagg ccttcatgat atctttcgaa atggtggcaa tggatactgg ttgttctgct 420  
cttgaagtca cgctgtacta tggttatagg ccctttgtga ctgggagaaa atatccatgt 480  
ccgttttcta gcctttcatg gacaactcat tggatttgct ttttcgggaa gtatattttg 540  
gtagtgggtg gtttttgtgc ttcgctttta tgtatgacct aatcctgaca gactctaaaa 600

ggcattgcnt gcccttcttg taacgca

627

<210> 7357  
<211> 655  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(655)  
<223> n = A,T,C or G

<400> 7357  
cgatgatgcc ttcacatcct ttgcatcgac accagtcatc tttagaaaaa gtcctgaact 60  
tctcaaaacc tttctcatta ccaccccacc aaagtcatac ggcagccaac cttcttcagg 120  
tcttaattca gtgttatggc cccgaaagga gtgcacgaaa aggttacaag ccagcggcac 180  
ttattaaggc cacatatgag catgtggtag ctaaggatac atttttaacg ttctttttct 240  
cgtcgatata cgaaaatcta tgttcacagc ctgctgattt gattgattct gatattacga 300  
ttgtcttgac gttcttcgat aactttacgt cttggagtc agacgagaag aacaaagcaa 360  
agagcgcgat cgaagaattc gctgattaca tcattgagaa tttcctcctt ccgctccgag 420  
cttcatctgt caagactccg caaccgacgc ctgcatcatt atccgcaata caaacatcta 480  
cgccctccgg cacaccatac cgtgtatcta tcttgcgaaa aagttgcctt gtgctgcatc 540  
gctatcgntg cgtaatttct cgaaaatttg attagagcga ggctagaaaa cgtttccagg 600  
agtatgggaa gattgccagg acgaatgaag aatttaaatt gataacgaat caggg 655

<210> 7358  
<211> 679  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 7358  
caacgttgcc ggccgaaaca tccaccacgg atggtaggggt caaacatagc gagcactcta 60  
actttgcact cggttcatta ctacgtaatg tttccgtagc agcgcagcta ttcccgttcg 120  
atttcaagtt gcagcgaca attggaattc acagaggact gcgccaatca gaatcctctg 180  
gaaacaagct cttccctgtg aaactacagt tagattgcgt ctcttttctt tctttggact 240  
cgcattatat caggaagctt cttcagctag atggatttat gagaggtcga agatgggctt 300  
taccagaaac agacgatgcc gttattcaaa tagaaccgac aactgtgttg ggattatccc 360  
aattaaatct cgagcgtacg ggcagctctga gtcagtcatc cgccaagttc ataagaatgt 420  
ggcgcataaa ttttctcact tcctttgagg ctgctcattt cgctcgtgtc tggcaccaaa 480  
agccgcttcc aaagcttgga aatgaagatc tccatgaacc tagtccacac gtgaaagcgg 540  
agtgcatttt ccgataaaga tgctatgcta tattgcgggg ccttgtcatt ggtgcataac 600  
gttcctcga agccagcatt ggacttgagg caaattaact tcgtaggtat actataaata 660  
attattctct tcacatcat 679

<210> 7359  
<211> 463  
<212> DNA  
<213> *Aspergillus oryzae*

<400> 7359  
ggcgatatcc acacagctat gtccagtcct taagcattgt cacggcctgt tcgccccagt 60  
tcaaaccgtt cctcgacagt ctgcgctcaa cggggatgag ccttggtgga atgacaagct 120  
acggtcactc acaaaagggg tacggctcat actccgcttc gcgtgcccgg agtcgaagag 180  
gcacagttcg cagtgcacag catgagcttg tccccctacc catgcaggat acccaccagg 240  
ctactgtaac tatctcgacg ccacgcgtgg gctgggatgg ggaaagtcag tcgagccagg 300  
cgctatttat tcatgaaatt aggacttgga ctgtgaccga ggtacggcgt agtttcgccg 360  
agaattccaa gtgacgcggg cgcactcttt aggtctcttt taatgttacg gtacggagta 420  
aatgttgga gatatgaata ttatattaat gtctttccac tcc 463

<210> 7360

<211> 624  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(624)  
 <223> n = A,T,C or G

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<400> 7360
gacattcact gtttcgacat ttgaacaagc gaagaatgct aactcaaggt ggaagagcgc      60
ttttatacgc aacgcagttt tctccactca ttccaccaca gcggaaaaac taaactcact      120
agggctggta tctgaaattg tggaagacca gggacaacta cgggccggcc tggatgattt      180
gctcatgcga ctgaacaact ctaggcctgc taaaccacgt ggggccaggg agtttgcatg      240
gtcgcagcagg gcgggatggg atgcacaagc tcatactctt gatacgactt tcttcaaaat      300
gatgaagctt gaggtcggtc aaggcgacat gaaagcatcc tacagcggac gtaaagagga      360
tttgaaacgt gcgttgagga gcgtttgggg acaaggtcga cgacggagag agggaaaggg      420
catatgagga tctgatcgct atgggtgcatg gtgtggatct atctcataga tcattagaaa      480
atgaccgcga agcatgggtg tgacttctgc tactcacagg agagcagatg agaaagatgt      540
actatagaag aagtcatgaa acgactttgt atgccaaatt aatgttagtg tttaaaaaaa      600
aanaannaan anaaaaaatt ttct                                     624
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<210> 7361  
 <211> 256  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(256)  
 <223> n = A,T,C or G

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<400> 7361
cgaatctgtc ggaagaaccc aagggtgggc cagattattg gaagacttca aggttcgcgt      60
ctctttggcg cctgtggagc acgttcagac cccgcacagt gacttccgcc gtgattgaaa      120
tgagcagcac ctccccgccca ggccaaagat ggtccttcgg tacgacaacc atcaagaacg      180
acctgcatac gatatttgcc gcacgtgccg cccatgagaa ggccattggg tcgctacgga      240
gggtgaaggg gctgan                                     256
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<210> 7362  
 <211> 255  
 <212> DNA  
 <213> Aspergillus oryzae

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<400> 7362
cctgaccata tacaggcgctc caagtcaggc acttggccct ggtatatacc ttcgtttcat      60
tgatataccc tttctttgta aagaaacatc tttttctagc ccctctagca gaggcttaat      120
atcgctcatt acaacttcag aagcagtaca agatcgccac catgagattt cttctgtctt      180
tcctgattac cttgtcgatc gcctgtggtg tgcttttact tccatcgggc tcaaagtctc      240
aactcaaagg caggt                                     255
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<210> 7363  
 <211> 649  
 <212> DNA  
 <213> Aspergillus oryzae

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 7363  
gttgatttcc ctcttgtgat tatgcatgag ctactgctct tcgcctcggt ccccgcgcac 60  
cagcaccatg agctgctaca acagctggcc ggggttgacgg ccatgcagcc ccgtcaccgc 120  
ttagagagggc gtctgatctt caaggcctat cggaaaccag ggctgatcaa taccggtgtg 180  
ggcgccagtc aagacttgca aggcaatgaa atgcagcgctc tgaataagat gctgaacggg 240  
ggcatgttct atacacaagt ggtcgggacog gtttccgagg ccgactttgg tgcccaatct 300  
tccgctgcct catcgggtga ccctgatgog cccatgtctg gaactgatac tgggtacaaac 360  
tttgagtacc acccttacag ttatgagaat caaccctgga agctggagtt tagagatatc 420  
cccgaggcgg ngactcgttc cgccgtgacc acccggtgta tggccagcgc tagtttgccc 480  
aagggcgata ttaccacccc tatgaacgcc tggnggtata gttttgtcac ggagtacgtg 540  
gtagaggggg atgtctttat tctgaatgat atcgtcattt acctacatcg agttctgcat 600  
tatcctgcag agagctctgg atcacatgaa ccgcggcgac agttacctc 649

<210> 7364  
<211> 548  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(548)  
<223> n = A,T,C or G

<400> 7364  
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ccgacaggga gctcagccgc aattctcaac ggatgaccat gaatggctat taacggcgca 120  
cgagagcgtc aaggatagat ctcaatgctc catggagtaa gccgtccata ccagttgttt 180  
ccatacatag gtgcacatgc agacaactta ggggcagtggt cgagcatccc ttcattctttt 240  
ctttttactt catacataac tccactttta taccagcatg ttcttacaga tatcctttta 300  
actttctgatt tactcttggc ttacttcggt gcctattttg ctatccccag cacgggaagc 360  
gggtgcctct attccgtttt ctacaattga gattgtcatt gcagaccaga aagcggttag 420  
caatgatagc gctggcatca tttttattgt ctcattgtact taaattcctt aattatcatt 480  
actccatgag ggaaatacag ttgatacaac gaanaanana annnnnnnnn nnnnnnnnna 540  
annnnnna 548

<210> 7365  
<211> 761  
<212> DNA  
<213> *Aspergillus oryzae*

<220>  
<221> misc\_feature  
<222> (1)...(761)  
<223> n = A,T,C or G

<400> 7365  
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gccattatcg ccgaaacaac tcttgaaggc accgcagcac cagaggtncg tcatatgtna 120  
gaatgtgcct atttcatnng agaaactggg ctactggggg ttcagaaacg gcaaagtctg 180  
agcagccctc atnctctatt cgtatattac gtcttgccag atttcgaggg tccctatgag 240  
tcgaccagtc aaagaatcat gggcgcaagc cttttggcaa cttatttagc tcangcccgga 300  
catttcgggg aacgacgccc atatttgggt gacggtccat ggacccgaga ttcctatacc 360  
gctcgaaggg atgtgcgaaa agtgcccttc gaaaaaggct ggtgggctaa ggaagtttaa 420  
acttccgacc ttgtcgaaga ggaaaagaat cttatcgcaa gttcctttgg cggggttctc 480  
ttcccaaaaa aacggtgggc cagagggatg ttgatctgga gaatggaccg gagggccttg 540  
gttagccggg gaggtattta tcggtagctt agctaacgcc taaaacaaat cgaagttctt 600  
ggatccacgt catgggaggg gtaatggacg gatatgggtg gagagccttt ttcgggaagt 660  
tcagggaaat ggttccgaac acagcgcatg cgctctccta aaggaagca gtagccgttc 720  
cgtttgcgta ggggtgtaggg tctcggtaag actataggcc c 761



<210> 7366  
 <211> 660  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = A,T,C or G

<400> 7366  
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 tggcacagtt gcagctgtct tgcaactagc acagagcgcc tgcaaagccg ccctaggact 120  
 ttataattcc tgctcgggtt ttcagaatgc accacaagaa attatctcga tcagccggga 180  
 tgtccatgca ttctacatga caatttccaa cctcgaaagc tcaactccgca gcgacgaagt 240  
 ggcaaccggt gtaaacggag atgtgcagat aatggttgaca ctagaaaccc tcaagatccc 300  
 gattgagaat ttttccaagg cctctgaggc tataatggaa aaacttatcc cacatctcaa 360  
 ctgataggac atcgcanatc canagaggat gatttagccg tnggaatgtg aagtgggtgct 420  
 tcgaacggaa agagatctct gctttggggg cagatttgga gcganaaaag aactctcatg 480  
 actgctatag cgattgcaca ttttctgggt tacctgaana ccngtgcgnc ctctgtgnccc 540  
 actatcatag tccaaggang gctgacatgg atgacgatct cgccctcgct gtgggtganat 600  
 aactgcatc gattcgtgan cgcganagcc aaggggactt tggentcanc gagggactcn 660

<210> 7367  
 <211> 637  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(637)  
 <223> n = A,T,C or G

<400> 7367  
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 agtgggatct actccgtaat ggcagcgaca tcgtacagtt ttcgagtagg cagacatggt 120  
 tcgccggcgg tctgcatact aattaagtct cggaatatca gtcccacaaa gatggggata 180  
 gtcacagtca ttccgggtcac agttcgcaac attgccaaag ctctaagagc ggggactatc 240  
 ttgctttctt gctgtccccc aagttgtggc cgtatctgag cacttccatg ccatatctaa 300  
 tgaaatgagc tgacttagac caaaatcctg gcgagtgaac cgagcgccct gagtttcatt 360  
 taccagccaa tcccaccaat tcagtgatag ataacacgca catggctggg ggttatgacc 420  
 tgggtctacat catctacgaa cccaccgat gtctgcgaca aaaccgcca gtgagactag 480  
 acgaagagaa tatcacagca gaaagtacct gatatgagac cgagaatgaa agatagaata 540  
 gccgagcgcg agacaagctt gatggattac caatgagtca agcccagaac gggtttctga 600  
 agatggctga ggtcttagac cgtatccagc ccggaan 637

<210> 7368  
 <211> 677  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 7368  
 gcacactgtc agggcgtttt ttgatcatgg gtcctaatat gaaatatgcg gggcgagcgg 60  
 atatggacct cagccccgat atctaacaca cccagatct gaccgatgaa gcatccactg 120

tacctactgc	agcagtgagc	accaattcca	acccccacga	tgatgctggc	tacaacccccg	180
atattgaccg	cgatggcatt	aatgcagatg	acgcgcgcgc	tcacttactc	ggggctaccg	240
ttgatgcgcg	cgatgtcaat	atctacgaca	gtatcggtac	gaaacggaaa	gcataatatga	300
gcaggagtcg	gccacgccaa	acagatgaga	atggccttg	agaatgaggg	acttcaggcg	360
acagcgaata	tgagggtttg	gacagaagac	ttgctcgtct	tcgcatataa	aatggaagaa	420
ctgtaggatg	acatggctgt	ctccctgact	ggatgcaatg	tcaatgaacc	cctagctgat	480
ctcatggaac	gtactgacga	ccgcctgctc	naattaagat	ccggcgacga	gcattggctat	540
agcttctaca	cgagcgcatt	acggccggac	tacgcagacg	cgatactttt	cagaaggatc	600
tcttaaaacta	tcgctgatga	ccatcactat	ggcgatggac	cgactgaaaa	aggggaaaaa	660
taacacttcc	ccaaagn					677

<210> 7369  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 7369						
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tatggctcgt	tcaccctac	ctccagctga	ccaactgaag	gctttgcgga	tgtatgtcaa	120
gaatggtgaa	gatgaactac	agcgacataa	tgagctccga	ccggccatgg	gtttagcttt	180
ttctcccaga	catccgaatg	ccacaaagtc	catggccaat	tgggagcgtg	aatcattgta	240
cttgctgcga	gagaacagga	agtttcgcac	atacattgag	aatctacaga	aggcactcta	300
cctcaaaaat	aaaatatatg	ctttccgcga	ggagagcttc	ccttcacaaa	gtggatgaaa	360
aatacatggg	acgccttatt	ccaactataa	cttatggaat	ttatgaaaac	gtgtgtatgc	420
gatatcttaa	gcatttgaac	attctgttgc	gcttttctta	taagaagtat	gtggaggttc	480
catcatctcc	tggttaataag	aaaactattc	ctttcttcgg	actattttgc	cccttccttt	540
tggataccga	gttttttcta	atactttaaa	aacatctaca	agaaaattct	ctattggggc	600
taactagggg	aaaataaggt	tggagttcct	taaggggggg	taatataaaa	attcttaaac	660
c						661

<210> 7370  
 <211> 247  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(247)  
 <223> n = A,T,C or G

<400> 7370						
gtagtcggct	gttgctcagtt	tcactaagcc	gttgggttga	atgccagtta	ttgcttggca	60
tctgtatagc	aggcattccg	tccgtccatg	gtctagcgcg	gcattggacg	ggcgatagcg	120
aggtttgcga	tcggatctaa	gcacattccg	attcgatagc	attctgaggg	tggtcggagt	180
cttggaaaca	tgctgggacc	gggatatgac	atgtacgata	acgaacaatg	aacggaaatg	240
gcanang						247

<210> 7371  
 <211> 651  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(651)

<223> n = A,T,C or G

<400> 7371

catgccaaagc	aatgctggag	tagcccagag	agtttggtcc	ttgtcgtgga	agaggtggaa	60
agaaagtgcc	aggagcaa	caagatctct	aattcattac	tattgaatgc	gactggtcag	120
ggaagacggg	aggatctatc	aacagcccgt	tctttgctag	agatgaaatt	tcactgggtg	180
tttgctggaa	tatgtggtct	aggcctactc	tatacctcag	tactgagaac	aaggcttatt	240
gaaggaaaaa	atgacgggga	cccggatata	caatctaacg	aatccctcca	aatcgctcgac	300
caagtcgccg	gaagcgtgaa	tagccctccc	gatgctccag	gccagtatct	atcgggattt	360
ctcaaacgat	ttggagaa	ctatccgcag	caactcgtgc	gcgtgcttga	gtcgttcctc	420
gagtggtccg	aagtgcaa	tgacggcatt	gcattcaatg	ccccacttca	acaggtagtc	480
tatgggatcg	tttttgtgtg	caagaacctg	gtcgaaaaca	acttcgtgca	agtacgggtt	540
ttcggacgtc	tagctcgcaa	tcacgagaag	cagctggcgc	tgtttcctaa	gtgtgcgaga	600
tgtattcgtc	agatggcagt	cgagccgtgg	aaatcgacan	aatctgcttt	t	651

<210> 7372

<211> 664

<212> DNA

<213> *Aspergillus oryzae*

<400> 7372

ggatgggggt	gcgactgag	ctttatatca	gtatctgaac	agaaaactgc	aatccgatac	60
gacctatact	gctcgaagaa	tgacagctct	tgtttccaga	tagttgcgga	taaattggcc	120
gaacttggtg	aggagagagc	ccgggaacta	gaaacagagt	atcaagagtc	attcatatct	180
gtgcccccaa	gtcttcacac	tgaagagata	gttaatat	cccccttctc	ttcttctttc	240
gtgaggttat	tatgttctcc	atgagcgctg	aaaaaactcc	gcctgagtag	catttcaaaa	300
gaatattctc	gactgcctcg	aagctcatgt	caagctggag	aaagcgcagg	gagccgaagt	360
gtttccagcg	atgagaaaac	caagggagaa	ttccaggttt	cagcaagctg	aacaactctg	420
caaggaactt	gactgtaaga	gcgagttcag	aggaaaagat	ctcgcatggg	taacgcgcag	480
atgctttgca	ttttctttta	ttctggttga	ttgacttttt	cttggttgcg	ttcgattgt	540
ccctaccacc	cttgacaga	cgttactccg	tatagcgtca	ttaccgaacg	tgtcagttgg	600
aatcttggca	ccgttggtgc	catctggtca	atagatagct	tattaaataa	tattcccagt	660
cctc						664

<210> 7373

<211> 161

<212> DNA

<213> *Aspergillus oryzae*

<400> 7373

ccgctgatgc	tcactcatgg	aagggtgttg	aaaacgcccc	tgacgccaat	gacccaaccc	60
agccggctac	catcccatgg	gtggtggcaa	gaaatcgtga	taacgtggag	aaggagaagg	120
cgttatagaa	aaggcttttg	ccattgcttc	caaacgggtg	g		161

<210> 7374

<211> 683

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 7374

ctccacgcaa	aagtcgactt	cattcgctcc	cattcaggct	caattttgag	tacaacgcca	60
tgcttctga	caaggtggaa	aagaagcgca	agcgcgcttc	gaacggccac	gaacggccga	120
gtaaaaagcc	cgacctcgaa	tttcaagatc	tacctctctc	cgcgccagc	gtggtcaacg	180
atgatagtga	attggctcca	gtgatcataa	ccacccccgg	tgtgaacgtg	ccccaaaacc	240
ttcattttaa	accatacctc	aaggaccgag	cagatggctc	tttatcaggt	cgctccacac	300

ggaacaaggg	cattgtctcg	tccgaactac	tccctgcagac	ttcggagcat	ccaaagatgg	360
atttcgtggg	tcgcgaggcc	gaagacgacg	ccgattcgca	gttaaagcat	tacatcgccg	420
ttgtggatcc	cgaaaagaaa	agctggcagt	ttgttgaggt	gcggaagggtg	actcttcgtg	480
gagcagttag	gagaacaaaag	gctgctgcag	atgaagagga	ngagggttgag	agtgaagatg	540
aggagatgaa	aacgatgcgc	gctcaacgca	cagaactcac	caatacattc	ggtactaagc	600
agtcccgcaa	agcagcgag	tccatggcgc	aaaatgccc	actctccaat	gcccccgctg	660
gtgctgcctn	cgnccgagaa	tct				683

<210> 7375  
 <211> 660  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7375						
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ccagaacgat	gaatctctca	ccgcttacct	aacagtggtc	ctcgactcgc	cgcgccagtc	120
caatcgcaag	gaaccccgaa	acaacagccc	aacgccatta	cgcgctgat	gcgctgtctt	180
tctgcgcttc	attcttgcag	ctgcactttc	gccaccaatt	gagtcgcctt	gtcttctgcc	240
cgactccagt	tgttgcggtg	gaaaggagtg	accgcacttt	cagtgccttc	cgcaagtgtg	300
gtccctgact	caaccagact	atacaaatct	attctgcggc	gatcgtatat	atacatgtac	360
atgcagagag	acaggcccgg	tttgacataa	attacattcg	cgacgagaac	gatcattgac	420
ttttacatgc	atattacatg	ttgccacata	ttaaattttt	ccccgcctta	ctgcttcgta	480
tacaaaccca	cagcatcaaa	agcgtcccga	tccggcaagg	aaaccagcaa	acctgcccgg	540
tgtctaccgg	aggagacgct	attccttgcg	ctaactccat	ctcaacttct	ggaacccttt	600
gggcttatcg	gctttcggtg	atcgggtggg	ccttttttgc	ctggctattg	tggggacaaa	660

<210> 7376  
 <211> 610  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7376						
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ataccaatcc	ctccacaacc	atgtctccct	gcagctgcaa	ctgctgctcc	ggcaactgca	120
actcctgctc	ttgcagcgac	tgcaagcact	aaatgcatca	cccctgacac	cgatccaaca	180
atcctcaaga	caagaacat	gtcgcaaacg	acgatgatcc	cgtgacttcc	cttctatcca	240
tcgacgagcg	gcaccagtga	ggatgggatg	aagtgcagtg	ttctctcctt	ctttctttgt	300
tacttatctt	cctcggggat	agaagttggg	tggaaatgcy	cgtataaatg	atggtgatga	360
tgagggcttt	atcttttact	tctcggctta	ctttttgaac	atactttttt	gcttctgaaa	420
aatagcaata	ctaataatag	tagatatctg	tcttaagaat	aaaatactat	tctcatcatc	480
atataagata	acataataaa	cattcttgga	ggctctatca	aaatatcatt	aaaaggcgcc	540
tattatcacc	tttaggagat	catatttcaa	ttaatatggc	cctatgttta	aacaatatat	600
gactcgggac						610

<210> 7377  
 <211> 674  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 7377						
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tccgcctccc	tccctcgctg	tggtctgtcg	acatccaccg	agcagacacc	agtcgattat	180
gcagacaagc	ctcgatggtc	ctataactct	cccagtgcaa	aggctccctt	cagcttgcca	240
ttgaatagca	agagacgtga	ttacccagtc	aacaccgata	cgcaggtcct	tgacgaattc	300

tacatccgca	tgctgggcaa	tgatggtgac	aagctccttt	cggacgaaac	caaatggctt	360
gctgtgacgc	acaagagttt	cgaccagggg	cgaagaggat	tcaatgaccg	tctggctttc	420
ttangacgac	ggatcggttg	gttacagggt	tctttggcca	tggtgcagag	ccccggaagt	480
gctgcattca	ccgcttgccc	tgatgagttt	gaccgtgtgc	ccttcacgca	cccggcattt	540
gangggcctg	gagaacctca	cccgtcacia	gaattacctg	ataagcaaag	cacagctttg	600
cgagcctgcg	canaagtatg	agcctgcaaa	ggtgcctgag	atggagtcct	cggaagcccc	660
aacaccttgc	cagg					674

<210> 7378

<211> 598

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(598)

<223> n = A,T,C or G

<400> 7378

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cgggggaaaag	ataaggcaaa	cacgcaatca	cctcttcaat	caaacttcaa	ctatcgtaa	180
ctaaagcacg	ttggtggaat	tgtcctgggt	tcgcgcgttg	tcggaatttg	ctaaggtctc	240
gacgatggag	ggatacggca	ctatctcaaa	tttgaccata	acgaggggtg	gcctgcagtg	300
gtcacctgct	ctggaggaat	ttcttttttt	atcccgagt	tcacacctc	ctgaatttgt	360
atggtgaacg	gctcttcgcg	gctccatctg	taaaattatc	ctttcttctc	cacccoctca	420
gccctactag	gctatgttct	atcgttctaa	ttggtggaga	acgacatgt	gggggtgttg	480
tcaggcaacc	atattttgac	caatggtggg	agacgatggg	ggtttgctcg	gtttgtctgt	540
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<210> 7379

<211> 649

<212> DNA

<213> *Aspergillus oryzae*

<400> 7379

gggattattc	acattccctt	ccacaaaacc	atgattctct	tcccacgata	ctatctgttt	60
gagatagggt	atcaagcctg	gtgtcccgaa	tggtgagag	catacatcca	atcatatcta	120
acccgcgtct	ggaatctgca	tatcccgcca	ttcagcaacg	cccctccagc	aggggtagca	180
gcagacctta	ttctcggaca	cataaaaagat	ccggtattct	tcacattcgt	tgatctttgt	240
gcggtgagc	gcgggcccgt	tggaacgctt	gagcacgttt	tgaatgagaa	gcttagagcg	300
gaaggcaagt	cagcggcgcg	atttgttctc	acggatctgc	atcctcgagt	ggaagaatgg	360
tctgcgatta	gtagacgtcg	ggagaatatc	tcgttcgtta	gtgagcctat	ggatgctgcg	420
aaatgtgaga	gagtggcacc	gacaaaaccg	aaggagtgc	gattcttcaa	tttatgtttc	480
accattttga	tgatttgctg	cgtcgactat	attgcgaaag	ccacagagtc	tgctgatttt	540
ttataatttt	cgattttgcc	agcgcatttc	ccatcggtgc	taacaacccc	ggtatgcctc	600
cctttctttc	tggatacccc	tttggcggac	agaaattttc	ttttggatt		649

<210> 7380

<211> 657

<212> DNA

<213> *Aspergillus oryzae*

<400> 7380

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attacaaaca	ttcgccctgc	cacttctcta	tgtgcttgct	tgcgcccacg	ctttcacact	120
ccgagaccgt	tcgcttcgtt	ggccgcggtg	ccaacacttg	ctttgtttcc	ctggataccc	180
acgacgactt	gactggtgtc	tatttccaag	ggactaccgc	gctggctgga	tctcgggttg	240
tatcgtctac	ccggcttccc	gaatcctccg	tcgacaaggt	gaattggcta	ggggtccttg	300
gtccgtcctg	aacaaaggcg	gacggtaatt	tgctgctttt	gagcatacag	tgcgatcagt	360

caagtccagc	cggctgagca	gaagtaggat	ctatcgtgaa	aaaaatacta	cttgataggt	420
ctcgcgaagt	catagccgct	gattcatgac	ttgatgggtg	tgatattctt	cggttacaca	480
ttgtgcttat	cggcgccctt	acgcttttgg	atctatcggc	aatttggttg	tgacggtccc	540
cttttcggat	aatcttttga	taaacgacgc	caggtaaattg	gaagtcataa	agctatagtg	600
aaaaaaacca	atggagatgt	taacacattt	caggatgaac	tttcggcggg	gactctc	657

<210> 7381  
 <211> 661  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 7381						
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atctcgagta	cgacagcccc	tgacaaatat	tgtcaccgtc	tcacgtcgcc	ttgctaggag	120
tgctcggcct	gccgtcattc	cttgagagaag	aggctatgcc	agttatggcc	ctaatagcata	180
tgaacagtct	gggtcctctt	cacgttggct	taagacttct	ttgggccttg	cgggaacagg	240
cgctgctgct	tttctcgtct	acacctacgc	gacactcgat	aaaagtcaag	cgggaagtca	300
tgcagacaca	aagggtctct	cacaggcgac	agagcaactg	gactcgcagt	atgtgcacca	360
caaatagaagc	ttaaaaagcc	ctgccgtgta	tttatggggc	acaaattcca	ttcgtgtggt	420
ggacccaac	tccaaggaga	ctgtactcaa	aacccctcga	agacttcatt	atttggaagg	480
tcaggggcta	agggacctca	acctttttga	caacttttgt	tcatcaattg	ctggaaatgg	540
agaccttatt	caacggggaa	agggatattt	aaagcccggc	tttaaaccaca	caagaacttt	600
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<210> 7382  
 <211> 654  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(654)  
 <223> n = A,T,C or G

<400> 7382						
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cagatgagcg	tttgtctgaa	caacaaaaag	gaagcgagaa	acttttccct	gctcttccct	180
ccccctcccc	ttttcttata	cccgcccttc	ctcttttgct	tattattttt	ctccttgaag	240
ggccttaata	actatgaaca	aggtaattct	aacaacggct	cactcgtgcg	aagaccaatc	300
aattcatggc	gggcccgggtg	cttgtctgag	gaaggatatc	agattgtgag	ttgatatgca	360
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agtagtgaga	catcangccc	gccattgtaa	tagtcgcaga	atgggacagt	ctttctgtgg	480
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ggagtagtcg	tcatgattaa	agggctgtct	ttggctcggc	tgtaccttta	ctcatagatt	600
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<210> 7383  
 <211> 297  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7383						
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tggagtcctg	agacaaagca	aatcgaggcc	tccttggtga	tgctttacca	gagcgtcctt	180
agagcctcct	tcgtacaatt	gtaccatcct	aagggtttta	tatgtaggac	gcgaccatga	240
tatatacaat	cctcaaacgg	cgatggagaa	cgacttcgag	atcatgatgt	ctacaac	297

<210> 7384  
 <211> 816  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(816)  
 <223> n = A,T,C or G

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agctctttta	aacagcaagt	caggagcttg	ctaaaattgc	gtctagcttt	gctggagagg	180
taaaagaact	agtgaagagg	agaaagcata	ctgtcattct	agaaaggcaa	aagcttttgt	240
cacatgccga	atccatgaaa	tcagagttaa	gggccaccgg	caagttgaga	aataaaacca	300
cattcattag	aaatatacag	ttattcttca	gacccccaga	ggaatcaaag	ctagacaacc	360
cgccagtcgc	ccaaaggaag	aagttaactc	gcgagcgatc	tgaaagaatt	cggaaacctaa	420
cgccagatgg	gacaatcaca	tgggccgctg	cttttattcc	cagtgtttgg	gattcgaacc	480
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gatggcctgc	tcaagtatac	gaagtgttgg	atacactanc	agctgagcaa	ccactccgag	600
atttccccga	attcaagaat	tcttgatata	ggtgaataga	agtgcagaag	atgctcgaaa	660
ggaagaccca	tcttgatata	aacaaacttg	accaaggtcg	nattgcgtcc	ctgaagttca	720
cgggcctgcc	ccagaaagca	tcgaaatggc	atttctcggt	tccccctccc	aggtggatga	780
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<210> 7385  
 <211> 644  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7385						
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gaattctcct	atttacacgt	taaccaggtt	caagagttgc	cttgagcgag	tggatcggtg	180
gctgtcatgc	caagaggaga	tttgaaacac	ttccgaggct	cactgggaaa	aaaagagggt	240
gccccgtgat	tggttcgtac	aaatagttcg	acatgttcaa	acacaatcta	cccaccaag	300
aaggaatgtg	agcagactaa	tgtatgtgtg	gaagttgcat	ccatccattc	cccatattct	360
ttgtcttcgc	ttttcattcg	caccaccgct	gatcaccttg	gggatccaat	gatgcaatga	420
cccgaaaaat	caaggttcca	attcaaggga	tcaactggga	atattttctt	tttgtctcaa	480
tgtctcccc	cactcagctc	cacttggtag	ccatggaaga	agttcggtcc	aactgtagat	540
cggggcctag	agcaacgccg	gtttccgacc	agagccactc	atgaagaccc	aagagcttgg	600
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<210> 7386  
 <211> 696  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7386						
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attcaaggag	gaaaatgcgc	cgattgtgtg	caactgaaac	tccgtcgacc	atcatctacg	180
tccccctttg	cccagtcacg	agattaccgg	agagcggttg	cctcgagatg	cttgaatgac	240
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agacggcacg	aaagacctcc	aggacttcga	ccggatatcc	agggtcctgc	aggttgggac	360
tgagtcccag	agacctttca	cgcccgctct	aatcacggca	cctgtctttc	cttaacctag	420
tcaattatgc	tctgacttga	tgcatgtgtg	ggagttgatc	gatcatcgga	ttcttatacc	480
atatacaagg	gcggctttct	cgatattact	ggaccggcgg	ttcaagcact	gcgattatta	540
ttattcatct	ctctcatttt	tcttttgggg	gaatatgcga	gacaaactgg	gtacgggatg	600
ggtgatttcc	ctaatacagct	gctggaaagg	cgaattggaa	tttttcctaa	aaggcatacc	660
ccgggggaat	agaacgcaca	accatgaatc	tgctgg			696

<210> 7387

<211> 655

<212> DNA

<213> *Aspergillus oryzae*

<400> 7387

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ctttgaaatc	tggaaaaaaa	atggactggg	taacctaac	aactttttta	cattcttttc	180
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tggttcttgg	aaccggcctc	ttaaccaaag	aatgaattct	ttggggcggg	ccttgatccg	300
caattccatt	ggcttcttgc	tggcgtgaag	agaagaccgg	caccagggca	ttggcttatt	360
cattcccttg	gcctaaacat	taataggaat	ctccgatcga	atcataaatt	cctggatctc	420
ttgttgcccc	cctgtgcctg	atcattacat	tgtgggctgt	gaccaattta	ctgggaaccc	480
tttctttttt	ataccgtgat	tggggctctt	actctttttg	gtgtgccggg	ctcgcattta	540
atttcctaat	ttttgaattt	cctctggggc	ccaaaaaatt	tttttttttt	tattttccgg	600
cctccaatta	aaaaaacctt	ttggtaccca	gagacccccct	ctttgtgggt	gccgg	655

<210> 7388

<211> 360

<212> DNA

<213> *Aspergillus oryzae*

<400> 7388

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cggaggaaaa	agcgaagggt	gctcaggata	tccgtaagtc	gatttccggc	ggtcatgcag	180
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atgaagagtc	agaaagtggc	gaggctgtcg	aggatgctat	gaatcgaaag	gcaaagaaac	300
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<210> 7389

<211> 700

<212> DNA

<213> *Aspergillus oryzae*

<400> 7389

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agtggagccg	gtggatcacg	gcgttatggc	cggagatgag	aagctacagc	gcaaaaggac	120
acagaacagg	ttgaaccaga	gagcgcgcag	acttcgtctt	cgagacaagg	atcaagccca	180
tataaccgcc	aaccgcgcgc	cattccgagt	ctatcgttgg	cggcttgagg	atgaaagtca	240
aaccacgtca	ggcgcaagca	gcaagcatct	gaaccatggc	ccagccccga	acaacacaga	300
gtggagtggg	cactccgcac	cttatctttc	cgttgcacca	ttctcaatcc	ccaacaaagt	360
gcagaggggt	ttgcatgggt	cgtctgagac	ggaagtttcc	ctacctgctg	accacttgct	420
acatctgatt	cagtttaacg	tgctgcgagg	agtccaccat	gctaaggtta	tcctggccgg	480
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gtttctcggt	acttccatgt	attacgcgac	aaggcccggg	ctccctgaga	gtctaattcc	600
gacgtcgttg	caaatggata	ttgaacacgc	gacctggatc	aacttcttgc	caattccacg	660
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<210> 7390

<211> 547



<212> DNA  
 <213> *Aspergillus oryzae*

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 cacaaactcc aacgccatga ctgcgcagcc atgaatcctc aagacagtgc cgtttggcgc 180  
 tggcttcgtg atgtgccttg cgcaacagta gctacccac cagatacagc gccgtctacg 240  
 ccattaggtg atttgatacg gaaaaggact atgaccacca gatctacgag tcctgcgaag 300  
 cgccagagga ttcttgacga taatgtaagt gcctcgggga ctgtgggttac acatcttacc 360  
 gagagcacia ggctttccta tcggtcgcct tctagcccgc tctagccgat atcagaagga 420  
 tgagagtgca tgggtgcacca aggtgggtcta tcctatgtta caccttgcac ctaagggcag 480  
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 ccgaaaa 547

<210> 7391  
 <211> 303  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7391  
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 ggcaagggaat atcctgagag agcatcgacg gcacagtttc cttgccgaaa aacggcaaga 180  
 gatcttcgag aacaagggtt accacatgct cttaaatac aggccttgct aaatactttt 240  
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 gac 303

<210> 7392  
 <211> 726  
 <212> DNA  
 <213> *Aspergillus oryzae*

<220>  
 <221> misc\_feature  
 <222> (1)...(726)  
 <223> n = A,T,C or G

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 tattcttgct aatttccagc tttaacgcac tacgtatgca cctaacggcc aatccggtgt 180  
 ctgtgtgtct gtcacggagg agtgggtggc aagtgaact actcctgttt cgagattttc 240  
 cgtgcaataa tatccttctg cctggggtcg gtagaagtcc acttatgcca caatgggccc 300  
 aaatcagccc cctacagctg cggcgaaatg cagacgacgg ctgtttggaa cccatctggt 360  
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 gaagggttat taacgtcgaa ttacgagagc caaggaattt tacgacgtac tacatccttg 480  
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 tccattaggt ttttttttta cttcataatn gatcgtccgg aacggtgccc ctgtacggtg 660  
 ttccaaagtt ggtcagtaaa cttactactg cttagtccat tcagacctgt ggagtcagtc 720  
 cctttc 726

<210> 7393  
 <211> 634  
 <212> DNA  
 <213> *Aspergillus oryzae*

<400> 7393  
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gttttgaatt	aaaaaggaac	gaagtagcaa	gaggggaacag	acaaaagaat	tgccaacacg	120
aaacacgctg	agtacagtcg	gtctcctgat	atgogtcgca	accaattctt	tgcggaatc	180
caaggttttc	cttgacgata	aacgatcttg	ggacagaagc	caatcaagtt	catcatgtgg	240
aactccaaga	attccctacc	catgattgat	accctgactt	ttggaaggag	cactggggca	300
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ccaggaaaca	gatggcttaa	tgatgaaaac	caaccgttaa	gcctctgcct	gacgcgagaa	420
agacgcttca	cagaactgaa	cctgtcgggt	ttcccaaca	ggaatagctt	ggctgtgaga	480
aagagataaa	cgggcttgcg	aacaggatcc	cacgagttct	cgcagggtga	atcaagggat	540
gacgtttttg	agctcgggaa	tatgacttct	tttggtttct	tttaggggct	tcgggactcg	600
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<210> 7394

<211> 676

<212> DNA

<213> *Aspergillus oryzae*

<400> 7394

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ccttggtaat	ttcgccaatc	aataaccca	accggggaat	cccaatccaa	aaaggcccaa	180
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aactttttaca	acaaaaggac	cttaaaaaat	cctgggttaac	ttcaacttaa	taaggaatat	300
aatcaactcc	aattaccctt	cctttacaac	cggaaaaggc	ttgcccccta	aaatggtcga	360
aaaaatccaa	cttgaaatgg	ttgcttatgg	ctaaggaaaa	atatggggctc	tggagggtctc	420
catatctcta	attcgaaata	ccctcttccg	agatatggct	agaaaataca	cacatatggt	480
aacggccccc	tttgaatacg	acaggttcaa	tgtccccctg	tgatagcgag	actctgctgt	540
aaaaccctgt	cataatcccc	ggacactaac	ccgttattca	cgggtgtgca	tacaatcgcc	600
cccctgctac	atatgtctcc	tgatcatctg	tcagtggcaa	atattctgtc	atttaagacc	660
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<210> 7395

<211> 61

<212> DNA

<213> *Aspergillus oryzae*

<400> 7395

cgaggaacct	tagggtttgc	ttttatttat	ctaggtaata	taccaagttt	agagaacggt	60
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<210> 7396

<211> 647

<212> DNA

<213> *Aspergillus oryzae*

<400> 7396

cgttccgggt	atttagcggc	gtggatggtc	aaggggatat	ccttgggcat	gacttgatga	60
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catctaccaa	atccaagagt	atcagcggt	ccacgtggaa	ctcagcgccct	gagttcttag	180
gctatgtgga	tgatattctc	gaacaacgct	cccaagggtc	tcttctacag	ccccccgaga	240
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ctattgatct	cgcgattctg	cgaagcaacc	aggctcttaa	ctcgtcacgc	agccccaatc	360
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ctggcgcaag	tatccgccgt	gccactcgaa	agtacatgct	tgcttattcg	aaacaccctg	600
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<210> 7397

<211> 670

<212> DNA

<213> Aspergillus oryzae

<400> 7397

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catggccaga	cacgtaattc	atgacttgat	acaaccggcc	agagtcgact	gcaatggaca	180
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gcatgtctgg	agaatttgat	ttatttaatt	tgttttcccc	tcttcatctt	caggcgctgt	300
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catagctgct						670

<210> 7398

<211> 53

<212> DNA

<213> Aspergillus oryzae

<400> 7398

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<210> 7399

<211> 691

<212> DNA

<213> Aspergillus oryzae

<220>

<221> misc\_feature

<222> (1)...(691)

<223> n = A,T,C or G

<400> 7399

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ctacctaagt	actatgtccg	cttattgaaa	tatatatggg	ggagtcttat	gaaaaagatg	180
ccctaactgt	ccaggtcaca	gccactttca	ccttcgatta	tattttccggc	cagccaacat	240
gattatatcc	actccattcg	tacaagtaga	tgtatcacgc	agcgtgtact	attggcgtat	300
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aaaaaaaaat	acacattact	ctttttaata	tacctattta	taacatctga	tattatatat	480
ttattctggg	gccgtttaac	atttttttta	gggccaataa	ttaatatatt	ttgacccctt	540
aaatttatcc	gccttcacac	caatttggtt	atccagaaaag	agaggggtta	acacccatga	600
ggtctagccc	attgttaatt	tttcaagatc	atgaaaaaaaa	aaaaaactat	tattatcata	660
caatttatatt	tttatctatc	acaatacctc	t			691

<210> 7400

<211> 101

<212> DNA

<213> Aspergillus oryzae

<400> 7400

ggggcaatac	tttaaaaggg	ccaaatcagc	aatgatggat	acaggattgg	ctgagggggg	60
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<210> 7401

<211> 856

<212> DNA

<213> *Aspergillus oryzae*

<220>

<221> misc\_feature

<222> (1)...(856)

<223> n = A,T,C or G

<400> 7401

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cccgtggcca	tcatttgaga	cgagggatcc	tcttccccgc	tatcatactc	ctaatacctat	180
cgctactggg	aatgacggtt	ctcgacctcg	ccaaccacat	cattatcgat	tacctacaag	240
cagaatatat	aagcaaggga	atcgacgcat	ataaccgctc	cttggagggt	cagaatttcc	300
tggggatttt	cttctactca	gtgacctttc	tcatggctct	tcttgtcgcc	tcgtcgaagc	360
aattatccga	taataacctct	accgggcctg	ttaagcacct	ccagaaccaa	cagaagtatc	420
ctggggctctc	gcaggctcaa	cagccttatc	gggcttatcg	gccacagggg	caggcgaaga	480
tgcacaatgg	ttatcagtag	tctctgttgt	gttgagggtat	gcggagtttg	gtagggcttt	540
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agctttgctt	tgattcntnn	nnnanaaann	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
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<210> 7402

<211> 2061

<212> DNA

<213> *Tricoderma reesei*

<220>

<221> misc\_feature

<222> (1)...(2061)

<223> n = A,T,C or G

<400> 7402

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ggntttcaaa	aacncccg	ggggggaacc	taatgagcta	gtagcgcaan	ntcnnccaat	180
cggctctatc	atncgggtcc	nggcggactc	aggagactna	cttgtagacc	atctttttgag	240
gcacagaaac	ccaatagtca	accgcggact	gcgcacatg	tatcggaagt	tggccgtcat	300
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cgtgggtcat	gacgccaact	ggcgctggac	tcacgctacg	aacagcagca	cgaactgcta	480
cgatggcaac	acttggagct	cgaccctatg	tcctgacaac	gagacctgcg	cgaagaactg	540
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ttttggatct	acttctggac	ccttttttna	aatataccgg	gcaacttatn	ttttacttgg	1980
anaagccgnc	tgnnttnggg	natttgcnaa	attgaaaccg	tggggtcaaa	acttnnaaat	2040
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<210> 7403

<211> 3241

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(3241)

<223> n = A,T,C or G

<400> 7403

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agccagaagc	cgagagccgt	agcctcgaca	aagcgatgta	cttgaagctc	atcagcgctg	180
gcttctcctt	cttcgtcgcc	ggagtcaacg	atggagccat	aggggctttg	ataccctatt	240
tcatccgtga	ctacaatggt	accaccgcaa	togtgtccag	cgtctacggc	gccaacttcc	300
tcggctggct	ctttgcgcga	ttaccaatac	ccacctccgc	agtatctcga	ccttggcgcc	360
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<210> 7404

<211> 2361

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(2361)

<223> n = A,T,C or G

<400> 7404

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ggaccagccg	tcggtatcga	cctgggtact	acctactcat	gcgtcggtat	cttcctgtgag	180
gaccgatgtg	atatcatcgc	caacgaccag	ggtaaccgaa	cgacgccctc	gttcgttgcc	240
ttcaccgaca	ccgagcgtct	gattggtgat	gcccgaaga	accaggtcgc	catgaacccc	300
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cgaggttgag	ttcaagggcg	agaagaagac	cttcaccccc	gaggagatct	cctccatggt	480
cctgaccaag	atgcgtgaga	ccgcccaggc	ctaccttggt	accaccgtca	acaacgcogt	540
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cattgcccgg	ctcaacgtcc	tgcgatatcat	caacgagccc	accgccgtcg	ccatcgccca	660
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taccttcgat	gtgtccctcc	tgaccattga	ggagggtatc	ttcgagggtca	agtcocactgc	780
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cagtggcttc	gatgaacaac	caagcaggcc	ttctacttgg	aggagtccg	aagtcttcac	1920
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aancttggn	gggttggccc	tggttntgta	ctttaatgag	ttntacgttt	tnaanggaac	2340
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<210> 7405

<211> 1933

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(1933)

<223> n = A,T,C or G

<400> 7405

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tgcttacggg	ccgaagcacg	aacaacaaca	agacggagaa	caaagagaag	aggaagaaga	180
agaagaagaa	ggaagaagaa	ggaaaagaag	aaagaaagaa	ggaaaaaac	agagagacgg	240
caagcatggt	gcccaggac	tttcagtggg	ggttcgccac	ggctgcctac	cagatcgagg	300
gcgcgctcga	ccaggacggc	cgccggccca	gcattctggg	gacacgttct	gcgcncagcc	360
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catgcatata	taatgaatca	aacaggacaa	tgtcggaggg	aaaacgaggg	tgagagaatg	1860
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<210> 7406

<211> 1090

<212> DNA

<213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(1090)  
 <223> n = A,T,C or G

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 acgctcacac tctcgttccc cgactcgaa catggccccc tcaagaacaa tctcgtntgt 180  
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 gagctcattc tcaacacgca aaactcgggc ccggcggtgc ctgcgctggg ttttccgaac 300  
 taccaagtct ggaatgaggg tctgcacggc ttggacggcg ccaacttcgc caccaagggc 360  
 ggccagttcg aatggggcgac ctcggttcccc atgcccctcc tcaactacgg ggccctcaac 420  
 cgcacattga tccaccagat tgccgacatc atctcgaccc aagctcgagc attcagcaac 480  
 aagcggggccg ttacggtctc gacgtctatg cgccaaaacg tcaatggggt tccgaagccc 540  
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<210> 7407  
 <211> 1451  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(1451)  
 <223> n = A,T,C or G

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 tggagttgag ggctacccca cgctcaagggt cttccgtggc ctcgataagg tcgctcccta 180  
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 cgtctccgcc ctccacaagg ataccctcga ggacttcaag ancccgagca aggtcgctct 300  
 ggtcgccctac atcgccggcg atgacaaggc cttcaacgag accttcaact ctctggccaa 360  
 cgagctgcgt gacacctacc tntttggtgg cgtcaacgat gctgcccgtt ctgaggttga 420  
 gggcgtaaaag ttcccttcca ttgnctctac aagtccttcg acgagggcaa gaacgtttta 480  
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 ttggcgaaagt tggccctgag acctacggcg gctacatgtc tgccgggtatc cctctggctt 600  
 acatcttcgc cgagaccgcc gaggagcgtg agaacctggc caagaccctc aagcccgtcg 660  
 ccgagaagta caagggcaag atcaacttcg ccaccatcga cgccaagaac tttggctcgc 720  
 acgcccggcaa catcaacctc aagaccgaca agttccccgc ctttgccatt cagcagattg 780  
 agaagaacct caagttcccc tttgaccagt ccaaggagat caccgagaag gacattgccg 840  
 cctttgtcga cggcttctcc tctggcaaga ttgagggcag catcaagtcg gagccatcc 900  
 ccgagaccca ggagggcccc gtcaccgttg tcgttgccca ctcttacaag gacattgtcc 960  
 ttgacgacaa gaaggacgtc ctgattgagt tctacgctcc ctggtgcggg cactgcaagg 1020  
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 aanggtttgtc atcgccnaag gttgatgcca ctggcaacga cgtncncga cgagatccaa 1140  
 ggcttntccc accatcaagc ntntaccccg nccgggtgaca agaagaaacc ccgtnacct 1200  
 aacagcggng gcccgnactt ggttgaagga cnttnattcg aagtttnatn aaaggagaaa 1260  
 cnggcaaggt acaaaggggc cgggcgttcg aaaatcccc gcccgaagcc caccgagga 1320  
 ggtgaggttt ccagtncaag gctttgagag gcaagggttt cgnngnacta cgaanggttg 1380



tnaanaatcc caaaaattgg ngggaaagaa aaaaacaaat ggtaattggg gtttggtttt	1440
gacanaaaaa t	1451

<210> 7408  
 <211> 1242  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(1242)  
 <223> n = A,T,C or G

<400> 7408						
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gtggtatcag	gcctatgata	ctacaacggt	tccatacgag	tcaaaccccc	ccatagtagt	180
gggctggacg	gctgccgacc	ttgacaacgg	cttcgtttca	cccgcgcgt	accaaacc	240
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caagatcgat	ggcgttggtc	tcctcagcgg	cggggatccg	ggcacctggg	cctnagacgt	480
gctgatctcc	aacaacaaca	cctgggtcgt	caagatcccc	gacaatcttg	cgccaggcaa	540
ttacgtgctc	cgccacgaag	atcatcgctg	tacacagcgc	cgggcaggca	aacggcgctc	600
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acctgctggc	ggccaaccca	nacttttgct	nggcagtgtg	gtggcagngg	ntacagcggg	1020
cctactcgat	gcgcgccggc	agccacttgc	tctaccttga	acccctacta	cgcccagtgc	1080
cttaactaga	nggcatcacn	gnnggtcttt	ggaactttga	ggacacacgc	cggctnatgc	1140
tttctanaac	tgangtagtt	gttcggggga	aggaggaata	atcttttaca	tatactggac	1200
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<210> 7409  
 <211> 923  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(923)  
 <223> n = A,T,C or G

<400> 7409						
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gcctctgctc	gataatatct	ccccgtcatc	gacaatgaac	aagtccgtgg	ctccattgct	180
gcttcagcgc	tccatactat	atggcggcgc	cgctgcacag	cagactgtct	ggggccagt	240
tggaggtatt	ggttggagcg	gacctacgaa	ttgtgctcct	ggctcagctt	gttcgacct	300
caatccttat	tatgcgcaat	gtattccggg	agccactact	atcaccactt	cgaccgggcc	360
accatccggt	ccaaccacca	ccaccagggc	tacctcaaca	agctcatcaa	ctccaccac	420
gagctctggg	gtccgatttg	ccggcggtta	catcgcggtt	tttgactttg	gctgtaccac	480
agatggcact	tgcgttacct	cgaagggtta	tcctccgttg	aagaacttca	ccggctcaaa	540
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ttccacgagc	atttccaagt	atgatcagct	tgttcagggg	tgctgtctn	tgggcgcata	720
ctgcacgctc	gacatccaca	attatgctcg	atggaacggg	gggatcattg	gtcangggcg	780

ccctactaat	gctcaattca	cgagcctttg	gtcgcaagtt	ggcatcaaaa	gtacgcatnt	840
taatcgangg	gngngggttcg	gcatnatgaa	tgaacccac	gacgtgaaca	ttaacacctg	900
gggttgcncg	ggctaanagg	gtg				923

<210> 7410  
 <211> 991  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1) ... (991)  
 <223> n = A,T,C or G

<400> 7410						
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gcaactctgg	ttctcggttc	cctcattgta	ggcgccgttt	ccgcgtacaa	ggccaccacc	180
acgcgctact	acgatgggca	ggagggtgct	tgcggatgcg	gctcgagctc	cggcgcattc	240
ccgtggcagc	tcggcatcgg	caacggagtc	tacacggctg	ccggctccca	ggctctcttc	300
gacacggccg	gagcttcatg	gtgcggcgcc	ggctgcggtg	aatgctacca	gctcacctcg	360
acggggcagg	cgccctgctc	cagctgcggc	acgggcggtg	ctgctggcca	gagcatcatc	420
gtcatggtga	ccaacctgtg	cccgaacaat	gggaacgcgc	agtggtgccc	ggtggtcggc	480
ggcaccaacc	aatacggcta	cagctaccat	ttcgacatca	tggcgagaaa	cgagatcttt	540
ggagacaatg	tcgtcgtcga	ctttgagccc	attgcttgcc	ccgggcaggc	tgctcttgac	600
tgggggacgt	gcctttgctg	gggacaagca	agaagacgga	ttccacgccc	gtncctcggc	660
aacgacacgg	gctcaactct	ttccgggagc	tcgcgcgagc	gacatcgctg	agtccgccgt	720
ctggcgggcg	caagcaaacg	ctctatggcc	aatgtggagg	tgccggttgg	acgggacctg	780
ccacgtgcca	ggccccangg	acctgcaagg	ttaaaaacca	ngtggtacnt	ccagtgtctt	840
tncttganga	aggcccaang	aatagcccat	ggctctcttc	tanccattct	ttccnggcgt	900
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taataaaatt	attgtatat	attagcaagt	n			991

<210> 7411  
 <211> 1005  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1) ... (1005)  
 <223> n = A,T,C or G

<400> 7411						
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gcccggctcg	tcgcccggca	gcaaccgggt	accagcacc	ccgaggtcca	tcccaagttg	120
acaacctaca	agtgtacaaa	gtccgggggg	tgcgtggccc	aggacacctc	ggtggtcctt	180
gactggaact	accgctggat	gcacgacgca	aactacaact	cgtgcaccgt	caacggcggc	240
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gtcgactacg	ccgctcgggc	gtcacgacct	cgggcagcag	cctcaccatg	aaccagtaca	360
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acgggtgagta	cgtgatgctg	aagctcaacg	gcaggagctg	agcttcgacg	tcgacctctc	480
tgctctgccc	tgtggagaga	acggctcgct	ctacctgtct	cagatggacg	agaacngggg	540
cgccaaccaa	gtataacacg	ggcggtgcca	actacgggag	cggttactgg	gatgctcagt	600
gccccgttca	gacatggagg	aacnggacct	ttacacttag	ccaccaagg	ttttgggtgca	660
acgaagatgg	atatcntgga	nggcaactng	agggcggaatg	cttgacccct	tacttttgga	720
cnggcacggc	tgngantttt	gccggtngng	gggttnaacc	tatnggaagn	ggttcaaaaag	780
ttattacggc	cccggaaaata	ccgtgacacc	ttcaaaaact	ttaccttatt	accannttaa	840
nacgggnaac	ggttngcctt	gggnaacctt	gggagcttta	cccgaagtc	tcacaaaacg	900
gggtnaaaat	cccanccgca	agccnggggg	gaaataaatt	gtcttgccc	tccgcttaac	960

tacgggggct tgcncattgg naaggcctta anaacggatg ggntt

1005

<210> 7412

<211> 868

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 7412

gttacaagag	ccaaaatgcc	ttcagtcaaa	gaaacactta	ctcttttgct	gagccaagct	60
ttccttgcca	ctggcagccc	agtagatgga	gagaccgttg	tgaagcgaca	atgcccggcg	120
attcacgtct	tcggcgcccg	tgaaacgaca	gtgagtcagg	gatatggctc	gtccgctacc	180
gttgtaaaact	tggtcatcca	agcccatccc	ggaaccacat	ccgaggcaat	tgtctacccg	240
gcgtgcgggtg	gtcaggcttc	atgtggcggc	atcagctatg	ctaactcagt	tgtgaacgga	300
accaacgccc	gcggcggnng	naatcaacaa	ctttcacaa	cttgccgga	cactcaactt	360
gggtgtggtc	ggatactcgc	anggtgctca	aatcttcgat	aatgccctnt	gcgggangang	420
cgatcctggg	gaangaatta	ccaacactgc	tgccccctaa	ctgcgggagc	agtttccgct	480
gttaaagcac	aatctttcat	gggaaacctc	gaaacattca	tggnetgcct	ataacgtcgg	540
aacctgtact	accaaggggt	cgacccccgt	ccgggtggct	ttgtctgtcc	ancgcgtcca	600
aaatcaagtt	tactngatg	ccgaaaccgt	actgntggac	ccggaaatga	ccccacgtt	660
aaccaaggtg	ccggccagga	ntccgggcaa	gaagcttttg	gttttattaa	caagccaagt	720
ttttttaggg	ggttttaaac	ccccggcggg	gggcccgaaca	ggaccttcac	ggccaaccag	780
ganaaaaaat	nggaactttt	ctggggccaaa	ttaaaantta	ttgggggggt	angcggaggc	840
cangnttgga	ccggtcttac	ccaagtga				868

<210> 7413

<211> 1478

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(1478)

<223> n = A,T,C or G

<400> 7413

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agaacgctgc	agatgtcgcc	ctcaacgcca	gcggcgagaa	cactgtcatg	gtcaccgaca	180
tcgtgacggc	tgataacatc	aatgagatcg	ttgccaagtg	gaccggcatt	cccgtcacc	240
gactccgcac	atcagagaag	gagaagctta	tccagatgga	aaaggctctc	agcaagggtg	300
tcgttgggcca	gaaggaggct	gtccagtctg	tcgccaacgc	catccgactc	cagcgctctg	360
gcctcagcaa	cccccaaccg	ccgccagctt	cctcttctgt	ggtccttcgg	gtactgcaag	420
acgctcctac	caaggcgctg	gccgagttcc	tgtttgacga	cccccaaggcc	atgatccgtt	480
cgacatgtcc	gagtaccagg	agcggcactc	gctgaccggt	atgattgggtg	cttccgccag	540
gatattgtcg	gccacgacgc	tggtggccag	ctgactgagg	cactccgacg	caagccattc	600
tccatcctcg	tgttcgacga	agtggagaag	gcagccaagg	aaatcctgac	agtgttctc	660
cagctcatgg	atgacggccg	catcacggat	ggccagggga	gagtcattga	ctgcaagaac	720
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gagggttaagg	tggatgcca	caccaaggag	ctgggtgatg	gcgtctcccg	caactacttc	840
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gagattcgca	agattgtcga	cttgcgatc	agcgagatcc	agaagcgctc	ggaagacaac	960
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tactcgcccc	catacggngc	tcgtccactg	gctcggttga	ttgagaagga	ggtgctcaac	1080
aaactcgcca	ttctcatctt	cgcaacgcca	tccgcgacgg	cgaaacggcg	cgcgtggagc	1140
ttgatgacaa	caagattggt	gtgttgctga	accacccgca	cagcgggaaca	gatgatgatg	1200

acgaaaacat	gtttgatgaa	gangatgttg	aggatgtgat	tggagaagga	catggatgaa	1260
gacatTTTTTg	aattaaaaca	cccgaaaatt	gangggggga	ccaaatttga	cttgaaaggg	1320
ttgatgactg	aaaaatttga	aaaagtctta	attgtttcat	tgatttacan	ggcattaccg	1380
gagttaaggg	atctggcaaa	gcatggtttg	tttgantggg	gttttantta	angggtcctt	1440
taccctangg	gtnnaaanga	aatgaatttt	tattaaat			1478

<210> 7414  
 <211> 850  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(850)  
 <223> n = A,T,C or G

<400> 7414						
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cactgggtcac	ttgatctacc	agtgcgggtg	tatcgacaag	cgtaccattg	agaagttcga	180
gaaggaagcc	gccgaactcg	gcaaggggtc	cttcaagtac	gcgtgggggt	cttgacaagc	240
tcaaggccga	gcgtgagcgt	ggtatcacca	tcgacattgc	cctctgggaa	gttcgagact	300
cccaagtact	atgtcacccg	cattgacgct	cccggccacc	gtgacttcat	caagaacatg	360
atcactggta	cttcccaagc	cgactgcgct	atcctcatca	tcgctgccgg	gactggtgag	420
ttcgaaggct	ggtatcttca	aggatggcca	gacccgtgag	cacgctctgc	tcgcctacac	480
cctgggtgtc	aaagcagctc	atcgtcgcat	caacaagatg	gacactgcca	ctgggccgag	540
gctcggtagc	aggaaatcat	caanggagac	tttcaacttc	attaagaagg	tcggnttcaa	600
cccaanggcc	gtggntttcg	tccccatntt	cggntttaac	ggngacaaca	tgcttaccac	660
ttcaccaact	ggccctgggt	acaanggctt	gggaaaaagg	aaaccaaggt	tggcaagtta	720
accgggaaaa	accttcnttg	aggccattga	nttcattgag	ncccccaag	cgttccacgg	780
gacaancccc	tgggttttnc	cttcaagang	tttacaanaan	cgggggggtt	ggaaaagttc	840
ccgtcggccg						850

<210> 7415  
 <211> 898  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(898)  
 <223> n = A,T,C or G

<400> 7415						
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ccgacgggtga	gcgccagatc	attgtctacg	atctcggttg	tggtagcttt	gatgtttctc	120
tcctgtccat	tgacaatggc	gtcttcgagg	tcttggtctac	cgcgggtgac	acccaccttg	180
gtggtgagga	ctttgaccag	cgcattatca	actacctggc	caaggcctac	aacaagaaga	240
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gggcaacgac	ttctccgaga	ctctcaccgg	ggccaagtcc	gaggagctca	acatggacct	420
cttcaagaag	accctgaagc	ctgtcgagca	ggttctcaag	gacgccaacg	tcaagaagag	480
cgagggttag	gacatcggtc	tggtcggcgg	ttccacccgt	atcccaagggt	tcagtctctt	540
atcgangagt	actttaacgg	caagaaggct	tncaagggtg	tcaaccccg	cgaggctggt	600
gctttcgggtg	cccgcgcgtc	aagccggtgt	cctttntggg	gaagaaaggn	acccgatgac	660
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ccaactnatt	ccgnacacc	cccattccaa	tcgcaaaaacc	anatnttttg	actgtggcga	780
taccaccccg	tcgtcctgat	ncagggtttt	angngagcgg	ttccatgacc	aaggcaacaa	840
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<210> 7416  
 <211> 852  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(852)  
 <223> n = A,T,C or G

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 accccttcat cgagaccagc tatgtgtcct acatgtctaa gtatgactcc tcccacggtc 180  
 tcttcaaggc cgacgttacc gtgcacggca aggacctcgt cgtcaacggc aagaaagggt 240  
 cgcttctaca ccgagcgtga ccctgncaac atcaagtgga gcgaagactg gtgccgagta 300  
 cattgtcgag tccaccgggtg tcttcaccac caccgagaag gccaaaggctc acttgggttg 360  
 gcggtgccaa gaaggctcatc atctctgccc cttctgccga tgcccatgt acgtgatggg 420  
 cgtcaacgag aaggactacg acggctccgc cgatgtcatc tncaacgcct nttgcaccac 480  
 caactggctt ggctcccttc gccaaaggta tccacgacaa ctacggnatc gntganggtc 540  
 ttatgaccac cgtccattct tacaccggca cccaaaanac cgttgacggg cctccgcaag 600  
 gactggcgcc ggtggccgtg gtgcttgccc aaaaattatt cccanacaac attggtgcc 660  
 gccaaagggt tgggcaagggt attcccttgn ttaaanggaa gcttacgggn atgtccattc 720  
 gtgtccctac cgncaacgtt tccgtggten anttgaccgt ccnccttgaa aaggggnctt 780  
 ctacgacgag atnccganac cttnaaaaag gttgccgnng gtcccttaaa ggaatttgg 840  
 gcttaaacca aa 852

<210> 7417  
 <211> 695  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(695)  
 <223> n = A,T,C or G

<400> 7417  
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 gcgcgccatc tgcacatgat tgccattgga ggctctatcg gtgctggttt cttcgtcggc 180  
 tcgggtgggtg ctctgagcaa aggtgggtccc ggttctctct ttgtcgactt cctcattgtc 240  
 ggtatcatga tgttcaacgt cgtgtacgcc ctccgtgaac tcgctatcat gtaccccgtc 300  
 tctggttcct tctacacgta ctctgctcga ttcacagacc ccgcgtgggg ttttgccatg 360  
 ggctggaact atgtcctgca gtgggctgcc gtgcttcgc ttgagttgac cgtctgtggt 420  
 atcacgattg ggtactggaa tagcgacatc tccgtggctg ctggatctcc gtcttntctc 480  
 caccatcatt atcatcaacg tggtcngagc cctgggctac ctgaagaaga gttttgggcg 540  
 tcgtgcttta acttcggagc gaccgtcgtc ttcatganca atggccgcgt ccttggtgctc 600  
 ggnggcggtc cttngacggn cgtacaacna tactggggcg ctcgntactg gtacnacccc 660  
 gngcctttaa gaacggttta agggcttttg ggccc 695

<210> 7418  
 <211> 737  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

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<400> 7418
cattcactgc acccgatgtg tccgattcgc caacgacatt gccggtgccc ctgagcttgg      60
ctcaactggc cgtggcaacg acctgcagat tggcacttac ctggagaaga acctggattc      120
ggagctgtct ggcaacgtca tcgatttctg ccccgttggg gccctgacct ccaagccgta      180
tgccttccga gctcgtcctt gggagctgaa gcacaccgag tccattgacg tccctggacgg      240
cctgggctcc aacatccgtg tcgattctcg tgggtcttcag gtcattgcga ttcttcctcg      300
actgaacgac gacgtcaacg angaagtgga tcaacgacaa gacgcgattc gcttgcgacg      360
gnctcagact cagcgactga ctgtgcccc ttttcgaagg gaaggccgat tcgagaatgc      420
cgactggagg aggctttgac cgtcatcgcc aagggcgtag cagcagacca accctnaggg      480
caacgagttc aagatattgc cggcgcgctg actgaagtag agtctntcgt cgtcgccaag      540
gacatgggca aacaagcttg ggggtctgaga accttgccct ggataccccc acccggcagc      600
aagccccctg ttnacggaat ngacgtgcgg tcgaactacc ttttcaactt ccaaactgg      660
gggcattcga ggaggtctgan ttgcatgctt attcgtcggg agnaaccccg anacgaaggc      720
cgccgtctgn acgcttc                                     737

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<210> 7419
<211> 833
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(833)
<223> n = A,T,C or G

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<400> 7419
tcgaggttga gtcctctgac accatcgaca acgtcaagtc caagatccag agacaaggag      60
ggcatccctc cgtgaccagc aagccactca tctttgctgg aaagcagctt gaggacggcc      120
gaaccctctc cgactacaac atccacaagg agtctacact ccacctgggc ctccgtcttc      180
gcggtggtat gcagattttc gtcaagacccc tcacaggaaa gaccatcacc ctggaggctc      240
agtcatctga tactatcgac aacgtcaagt ccaagattca ggacaaggag ggtattcctc      300
cagaccagca gcgcctgatt ttcgctggta agcagctgga agacggccgc actctgagcg      360
actacaacat tcagaaggag agcaccctgc acttggtcct ccgtctccgt ggtggtatgc      420
agatctttgt caagacactg acgggtaaga cgattaccct ggaagtggaa tcattctgatc      480
catcgacaac gtcaagtcaa agattcagga caaggagggt attccgnctg accaacagcg      540
cttgatcttt gctggtaaca gtttggaaga cggctcgtag ctgagcgact ccacatccag      600
aaggagacac tntgnacctg gttntccgtt tcggggcggc agtaaaceca cttctnttta      660
cgaagnactt ttatgattgg gtggacnact cggcggtttt gggaattcta ggcaaatatg      720
ggaacttggc catttgcagg gggcattaat atnttatggg aaccnccctt tgggggttgc      780
ctaaattggg gggccnctc aataccaatn ttggnccggt ttanaaaaaa aaa      833

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<210> 7420
<211> 691
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

```

```

<400> 7420
tgtcttctga gaagcctcaa aaggtcctgg gcatgccgcc ctctgtggcc gacttcttga      60
tgggtggtgt ttccgctgcc gtctccaaga ccgcgctgc ccccatcgag cgtgtcaagc      120
tcctcatcca gaaccaggat gagatgatca agtccggctg tctcgaccgc cgctacgccg      180
gtatcaccca ctgcttcaag cgtaccgccg ccgatgaggg tgctctgtcc ctgtggcgtc      240
gtaacactgc caacgtcatc cgatacttcc ctaccaggg cctgaacttt gctttccgtg      300
acaagttcaa gaagatgttc ggcttcaaga aggaccgtga tggctacggc atgtggatgc      360
tcggtaacct gcctctgggt gtgctgctgg tggcacttct atgcttttct totactctct      420

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ggattacgcc	cgtaccgcgtc	tggcaacgat	gccaaagagcg	ccaaagaagg	gtggtgagcg	480
ccagttcaac	gggtctcggtg	acgtctaccg	caagaccctc	gcctntgacg	gtattgccgg	540
tctgtaccgt	gggtttcatgc	cctccgctgc	tggtatcatc	gnttaccgtg	gtctctactt	600
cggcatgtac	gactccatca	aagcccgtct	tctggtcggg	actctccaga	caacttcctt	660
ggctntttcg	ttntcgggtg	ngcgtcacac	t			691

<210> 7421  
 <211> 828  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(828)  
 <223> n = A,T,C or G

<400> 7421						
ggaccccgcc	ctggatcaca	agcagggtccg	agccttggac	acgtactggc	agcagctgcg	60
tctgctgtac	tctccgttcg	aggtcacct	tgcggggccc	gaccccgagg	tgtacgagca	120
cgagattccc	gggtggccagt	tgaccaacat	gatgttccag	gcttcgcagc	tggtgtctcg	180
atcgaagtgg	ctcgagacca	agaaggccta	cgaacaggcc	aacgacctgc	ttggcgatat	240
cgtcaagggtc	acccccacct	ccaagggttng	tongtgacct	tgcccagttc	atggtgtcaa	300
caaagctgtc	cccgaagacg	tcaaggcttc	gcgcttccga	gctcgacttt	cccgaagtca	360
gtgctcgagt	tcttcgangg	gctgatgggc	aacccttacg	gcggcttncc	cgagcctntt	420
ccgacaaacg	cccttcgtgg	acgacggaag	ctcgacaaag	cgccctggcc	tctacctcga	480
acctgtcgac	tttgtcaagg	ncaagccgtg	aaatgggcaa	gaagtttggc	gcgcccgtna	540
ccgagtgcga	cattgcctcg	tacgtcatgt	accccaaggc	ttttgaggac	tacaaagaaa	600
gatcacccga	caagttttgg	cgaacttgtc	ggtcctgccc	acaaggtctt	ccttgcttga	660
cccagagattg	gtgaggagtt	aacgtncaa	ntcgaaaaag	ggaaaggtcc	ttattttgaa	720
cttcttnntt	tttggtnctt	tgaacgaagc	anaccggnt	ncgggaggnt	tttttcaaan	780
gaaccgggna	ggtccgcaag	gtaaccgtct	tcnaaaanaa	agntgccg		828

<210> 7422  
 <211> 637  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(637)  
 <223> n = A,T,C or G

<400> 7422						
gcgctgtgtc	ttctccatct	tcttcgtctt	cttcctgtcg	ttcgttccct	tgatagtgca	60
ggagttgact	gagcgtggta	tctggagggc	cctgagtcgt	ttcctgaagc	agttcctctc	120
gctttcaccg	ttctttgaaa	tcttcgtctg	tcagatttac	gcgaactctg	tacagcagaa	180
catttcgttt	ggcggtgcca	gatatatcgg	aacagggtcgt	ggttttgcca	ccgctcgcct	240
tccctttggc	gtcttgattt	cccgatctgc	cgccccgtca	atctatttct	gcgctcggtt	300
gttgatgatg	cttctgtttg	cgaccgtcac	cgccctggcag	cccgcgctcg	tctacttctg	360
gatcacccctg	ctcggattga	caatctcgcc	cttcctgtac	aaccgcctac	aattcgcatg	420
gaccgacttc	ttcattgact	accgtgacta	cctccgttgg	ctgtcgcggtg	gtaactctcg	480
ctcgacgct	tcttcgtgga	tcgcgttttg	ccgactgncc	cctatnccag	tactgggtta	540
caagcgcaag	aacctggggc	atgcctcggc	caactgtcgg	gcgatgtccc	aaacaagcca	600
ttaaccaaca	ttntttcacg	gaatttcacc	cgttctg			637

<210> 7423  
 <211> 633  
 <212> DNA  
 <213> Tricoderma reesei

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<400> 7423
catctggtac accggcaaac cegtctacga gtttggcacg tggctctctt tacaccacct      60
tcaaggagac tctcgccagc caccocaaga gcctcaagtt caacacctca tcatcctct      120
ctgctcctca ccccggtata acttacagcg agcagattcc cgtcttcacc ttcgaggcca      180
acatcaagaa ctcgggcaag acggagtccc catatacggc catgctgttt gttcgacaaa      240
gcaacgctgg cccaaccccg taccogaaca aagtggctcg gtcggattcg accgacttgc      300
cgacatcaag cctggctact ctccaaagc tcaacatgcc catccctgtc aagtgtctct      360
gcccgtgttg attctcacgg aaaccggatt gtataccccc gcaaggatga gctagccttg      420
aacaccgacc gaagtctgtg aaagcttgag tttgaattgg tgggagaaga agtaacgatt      480
gagaactggc cgttggagga gcaacagatc aaggatgcta cacctgacgc ataagggttt      540
taatgatgtt gttatgacaa accggtagag gagttaatga tggaatagga agaggccata      600
gttttctgtt tgcaaaccat ttttgccatt gcg                                     633

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<210> 7424

<211> 1110

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(1110)

<223> n = A,T,C or G

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<400> 7424
gagagccgca tcaaggaggt catcaagaag cactccgagt tcatcagcta cccatcttac      60
ctccacgtca agaaggaggt cgagaaggag gttcccgatg aggaggctgc tgaggaggag      120
aagcccgcgg aggagggcga ggacaagaag cccaaggctg aggaggctga cgacgacgag      180
gaggacaagg agaagaagaa gaagaccaag aagggtcaagg agaccaccat ncgaggagga      240
ggagctcaac aagcagaagc ccatctggac tcgcaacccc caggacatca cccaggagga      300
gtacgccgcc ttctacaagt ccctgtccaa cgactgggag gaccacctgg gtgtcaagca      360
cttctccgtc gagggtcagc tcgagttccg cgccatcctc ttcgtcccca agcgtgtctc      420
ctttgacctg gttcgagacc aagaagacca agaacaacat caagctctac gttccgccgc      480
gtcttcatca ccgacgacgc caccgcacct catccccgag tggctcagct tcgtcaaggg      540
tggtgtcgac tcttgaggat ctgcccctca accttgtctc gtgagactct tcaacagaac      600
aagatcatga aggtcatcaa gaagaacatt gtcaagaagt ccttggagct ctttcaggag      660
attgccgagg acaagganac gttcgacaag ttctacagcg ncttnttcaa gacattaagc      720
tcggtattca cgaagacttc canaaccgcg ccacccttgg ccaaagcttc tgcgcttnaa      780
ctcgaccaag tntggcgatg agatgacctn ttntgaccga ttacgtactt cgcgtgcccg      840
agcaccacga aagaacattt actacatcac tggcgaagtc ccttaaaggc ccgtccagaa      900
gtcttccctt cctggacgct tttcaaggcc aaggggcttt cgganggtcct tcttntctcc      960
gtcgaccccc attggacgag tacccccatt ggaccagct tcaaaggagg tttncgaggg      1020
acaaagaaag gctgggttcg acattcaacc aaagggactt tcgaagcctt ctgagggaag      1080
aaccgaagg gangganaaa agaaaagggc                                     1110

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<210> 7425

<211> 735

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

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<400> 7425
ggggcccgac cacgttttcc tacctgacgt caagcaaccc ctccagcgtc aatggatggg      60
cgtcaccaca gcctctcttc tccggcagta tctcaggctc cagcccgtcg gatcagacgg      120
tcattggcga cagcacgaac atgtatctgt tcttcgcggg ggacgacggg aaaatctaca      180
gggcgagcat gcctatcggt aacttccccg gaagcttcgg ttcgacgtca acggtgggtc      240
tgagcgatga aaggaacaat ctgtttgagg cagttcaggt ctataccgtc tcagggcaga      300

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agcaatatct	catgattgtc	gaggcaatag	gcgcaaatgg	ccggtatttc	cggtccttca	360
caagcgacaa	acctcggcgg	cacatggact	ccgcaagcca	ccagcgaaag	tcagcccgtt	420
tgccggtaag	gcaaacaagt	ggcgctcctg	gacaaacgac	atcagtcatg	gtgatcta	480
tcgtagcaac	cctgatcaga	caatgactat	cgacccttgc	aatctgcagt	tcttgtccaa	540
ggggaaaaagc	gacaaactnt	ggcgngact	accggctntt	gcctatcgac	cagggctggg	600
actttcaacg	ctganecgtc	gcaaatttca	tagaaaatgc	gccacaacaa	agacgttata	660
tgtgccgagt	ctataaatcg	aaggacgtac	aagantttgg	tggcaaaccg	ggaataatac	720
caagcatgta	tggga					735

<210> 7426

<211> 982

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(982)

<223> n = A,T,C or G

<400> 7426

nttagccgca	ttcggccgag	gaacaaaagt	caactcaatc	gtaacctatc	caaataaaaag	60
ccaaatacca	cactctcctg	cccatcatga	gccctcccgc	cgccgtctcg	cccccccagc	120
gaaccgctga	actcgtcacc	ccgtccaaga	tggccgttgc	ccagccgcag	cagcacctcg	180
aggcccaggc	caagtccgtc	tccgacatgt	tccgccagtg	ggactcgttc	accttctcgc	240
ccatccgcga	gtcccagggtg	tccgcgcgca	tgaccgcgcg	ctacttcgag	gacctcgacc	300
gctacgcga	gtccgacatt	gtcatcatcg	gcgcggctc	ctgcggcctc	agcaccgcct	360
acgtcctcgg	cacccagcgc	ccggacctca	agattgccat	catcgaggcc	tccgtctccc	420
ccggcggcgg	tgcctggctg	ggcgccagc	tcttctccgc	atgggtcatgc	gcaagcctgc	480
cgatgccttc	tccgcgagat	tggcgctccg	tacgaggacg	agggcaacta	cgtcgtcgtc	540
aagcacgcgc	cctcttcacc	tncacatca	tggccaaggt	gctgcagcta	cccaacgtca	600
agctcttcaa	cgccacctgc	gtcgaagacc	tcatcacccg	cccctctgcc	gagggcggtg	660
gcatcgccgg	tgtegtcacc	aactggaccc	tccgtctccat	gcaccacgac	gaccaagtcc	720
tgcattggacc	ccaacacccat	caacgcgccc	cttgtcatct	caccaccggc	acgacggccc	780
atgggtgcct	tttgggtcaa	agcgcttgt	aagatgggnc	cgatcnanaa	gcttggcggc	840
attgcccggc	ctcgacatga	acagggctga	ggatgccatt	gtcaaaaaca	cccgtgaggg	900
tgttcgggcc	tgattgtcgg	angaatggac	ttgtctgaga	ttgacggacc	caccgcgatg	960
ggctactttt	ggngcatggc	ct				982

<210> 7427

<211> 584

<212> DNA

<213> Tricoderma reesei

<400> 7427

cgctggtgct	cgtcgcaatt	catctctttg	cctggaaatg	attggcaatc	tgctggggct	60
ttcatatccg	atggcagtg	agccgccctg	tctcaagtca	cgaaccggga	tgggtcaaca	120
acgaatctga	tttttgacgt	gcacaaatac	ttggacttca	gacaactccg	ggtactcacg	180
ccgaatgtac	tacaaaataa	cattgacggg	cgccttttct	cccgttttgc	cacttggtc	240
cgacagaaca	atcgccaggc	tatcctgaca	gaaaccgggtg	ggggcaacgt	tcagtectgc	300
atacaagaca	tgtgccagca	aatccaatat	ctcaaccaga	actcagatgt	ctatcttggc	360
tatgttgggt	gggggtgccg	atcatttgat	agcaccgtat	gtcctgacgg	aaacaccgac	420
tggcagtggt	aactcatgga	cggacacatc	cttggtcagc	tctgtctcgc	caaagaaagt	480
agcactctga	gctgaatgca	gaaagcctcg	caacggtttg	tatctcgcta	tcaaacatag	540
tagctactct	atgaggctgc	tgttctcatt	tcagctttat	atag		584

<210> 7428

<211> 846

<212> DNA

<213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(846)  
 <223> n = A,T,C or G

<400> 7428  
 cgtcacttttc cagcagccca acgtcgagct tggtagttac tctggcaacg agctcaacga 60  
 tgattactgc acagctgagg aggcagaatt cggcggatcc tctttctcag acaagggcgg 120  
 cctgactcag ttcaagaagg ctacctctgg cggcatggtt ctggtcatga gtctgtggga 180  
 tgattactac gccaacatgc tgtggctgga ctccacctac cggacaaacg agacctcttc 240  
 cacacccggg gccgtgcgcg gaagctgctc caccagctcc ggtgtccctg ctgaggtcga 300  
 atctcagtct cccaacgcca aggtcacctt ctccaacatc aagttcggac ccattggcag 360  
 caccggcaac cctagcggcg gcaaccctcc cggcggaaac ccgcctggca ccaccaccac 420  
 ccgccgccag ccactaccac tggaaagctct cccggacctc cccagtctca ctacggccag 480  
 tgccggcggt ttggctacag cggccccacg gtctgcgcca ggggcacaac ttgccagggtc 540  
 ctgaaccctt actactctca gtgcctgtaa agctccgtgg cgaaagcctg acgcaccggt 600  
 agattcttgg tgagcccgta tcatgacggc ggcgggagct acatggcccc ggggtgattta 660  
 ttttttttgg tctacttctg acccttttca aatatacggg caactcatct ttcactggag 720  
 atgcggntcg cttgggtattg cgatgttggt aagcttggca aattgnggct ttcgaaaaca 780  
 caaaacgatt ccttagtagc catgcatttt aagataaccg gaatagaaga aagaggaaat 840  
 ttaaaa 846

<210> 7429  
 <211> 1152  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(1152)  
 <223> n = A,T,C or G

<400> 7429  
 acgtcgacgc cgggtggatac accatgccgc tcatcgacga gacgctccaa aaggccaaca 60  
 gcttccgcca gcagtttggc atcgagcaga acaagacgtg gaacgacatg gcgtccaacg 120  
 tcctgggttct tcgcgagaac ggggtgacgc tcgagttcac ggccatgaac ggaaccgcag 180  
 tggtaagca ggccgatgtg attatgctca cctacccctt gagttacggc accaactaca 240  
 gtgcgcaaga tgctctcaac gacctcgact actatgccaa caagcaatcg cccgacggac 300  
 cggccatgac atatgccttt cttctccatc gtcggccaac gaaatctctc ccttcgggct 360  
 gctcggccta cactacgcgc caaaacgcct tcaaagccct acgtccgcgc ccccttctac 420  
 cagatattcc gaacagctca atcgacgatg ccagcgtcaa cngggggcac gcaaccttgg 480  
 cctaccgggt tcctaaccgg ccaccgggcg gcgcccacca aggtcgtcct cttttgggct 540  
 acctcggcct cgggctggtg ccagacgacg tcatccacat cgagcccaac ctgccccctc 600  
 agatcccgt tctgagatac aggacgtttt actggcgcgg ctggcccatc tcggcctggt 660  
 ccaactacac gcacacgacc cttagccgcg ccgcccggcg tgetgcgctc gagggggcgg 720  
 accaagcggg ttgctcgcaa gcccatccca tccacgcggg ccccgaaacg gaccacaaca 780  
 gcgtaccggc tgcccgtcaa gggctccgtc gtgatcccca acaaagcaga tcggctctaa 840  
 cagacatacg ccggcaacct ggtgcagtgc cacgcgggca gctttccaac gactacgtgc 900  
 cgggccaagt tnccatttg ccgncgtcga tggcgccaac tntaccaagt gggnaagccc 960  
 gcttccgccc acaaggtaag ttcatcacc gngtaattg gaaaaggagg acgtgggatt 1020  
 tttgngtcg ggcttcattt caatgggcca ggccccctcc gtnaacgcca ccgtattttc 1080  
 acaacaaggc cttggggatc ttgcacgggg ttggcttcgg gcaaaacaca aattcaagtc 1140  
 aaaaccggaa ct 1152

<210> 7430  
 <211> 565  
 <212> DNA  
 <213> Tricoderma reesei

<220>

<221> misc\_feature  
 <222> (1)...(565)  
 <223> n = A,T,C or G

```
<400> 7430
cctgctcacc gaggccccc tcaaccccaa gtccaaccgt gagaagatga cccagatcgt      60
cttcgagaca ttcaacgctc ccgccttcta tgtctccatc caggccggtc tgtccctgta    120
cgcttcgggt cgtaccaccg gtatcgtgct cgactccggt gacgggtgtca cccacgttgt      180
ccccatctac gagggtttcg ctcttctcta cgccattgct cgtgttgaca tggctgggtcg    240
tgatcttacc gactacctga tgaagatcct ggctgagccg tggttacacc ttctccacca      300
ccgccgagcg agaaatcgtc cgtgacatca aggagaagct ctgctacgtc gcctcgactt      360
cgagcaggag atccagaccg ncgccagagc tccagcttgg agaagtccta cgagcttccc      420
gacggccagg tcataccatt ggcaacgagc gattccgtgc tcctgangct ctcttncagc      480
cttctgtctg ggtcttgaga gcggtggtat cacgtcacca ctttcaactc atcatgaagt      540
gcgacgtcga cgttcgaaan gacct                                     565
```

<210> 7431  
 <211> 814  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(814)  
 <223> n = A,T,C or G

```
<400> 7431
cgtccagtgct ctacgcggca gccctgccaa cctccagggtc taccaggcca tcatgcctcc      60
ccacggccggt ctcatgggccc ttgacctccc ccacgggtggc cacttgagcc acgggtacca    120
gactccccag cgaaagatct ctgctgtctc tacctacttc gagaccatgc cctaccgtgt      180
caacctggag accggcatca tcgactatga ccagctccag cagaacgccc tcctgtaccg      240
cccaagggtcc tcgtcgccgg tactttctgt tactgccgtc tgattgatta cgagcgcgtg      300
cgcaagatcg ccgactctgt tggcgccctac ctcggttgctg atatggctca catctccggt      360
ctcatcgccg ccgaggccat cccctcccc ttccagtggtg ctgacattgc accaccacca      420
cccacaagtc tctccgtggc ctcggtggtgc catgatcttc ttccgcaagg gcgtncgctc      480
cgtcgaccct aagactggaa ggagacgctc tacgacctgg aggaccccat caacttcttc      540
gtcttccccg gcaccagggc ggccccacaa ccacaccatn ccggtctggc tgtcgccctna      600
agcagggtca gacccccgag ttcaagggtc acagganaag gtcgttttca acgccaaaac      660
ctngagncaa gttaaggagc tcggcacaaac ttggtggccac ggactgacag ccacatgggt      720
tggttgaact ttgtaagttn aacttcaccg gnggcccgtg ttganaccgt cttgacaana      780
caaaattggc tgnaaaaaga acgccattcc cgga                                     814
```

<210> 7432  
 <211> 709  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

```
<400> 7432
tcctcaagcc cggatatggtc gttaccttcg ctccctccaa cgtcaccact gaagtcaagt      60
cngtcgagat gcaccacgag cagctcgctg agggccagcc tggtgacaac gttggtttca    120
acgtgaagaa cgtttccgctc anggaaatcc gccgtggcaa cgttgccggt gactccaaga      180
acgaccccc catgggcgccc cgcttcttcc accgcccagg tcatcgctcat gaaccacccc      240
ggccagggtcg gtgcgggcta cgccccgctc ctcgactgcc aactgcccc cattgacctgc      300
aagtttcgcc gagtccttag agaagaatcg accgccgtac cggttaaggct accgagctctg      360
cccccaagtt catcaagtct ggtgactccc catcgtaaac atgatccct ccaagcccat      420
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gtgcgttgag	gctttcacccg	actaccctcc	cctgggtcgt	ttcgccgtcc	gtgacatgcg	480
ccagaccgtc	gctgtcgggtg	tcatcaaggg	ccgtcgagaa	agtcctctgc	cgccgncggc	540
aagggtcacca	aagtcgngtg	ccaaaggccg	gcaagaaata	aagcgatccc	atcatcaaca	600
cctgatgttc	tggggtncc	cgtgaggggt	ctcaggtggg	caccaccatg	cgctcacttn	660
tacgacgaaa	cgatcaatgg	tgctatgcat	gaacactcga	ctattaatt		709

<210> 7433  
 <211> 686  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

<400> 7433						
atgagatcaa	gctgatttcg	ggcagctccc	acccggagct	cagtgtctctg	gtcgctaatac	60
gactcggcat	taacattgcc	aacacgatga	gcctcaacta	ctccaaccag	gaaaccagt	120
tttccattgg	cgagtcggtc	cgggacgaag	acgtcttcat	cctccagtgc	acggctccgg	180
gagacgtcaa	cgacggcctc	atggagctgc	tcatcatgat	ccacgcctgc	cgaactgcct	240
cggccaggcg	catcacggcc	gtcatcccca	actaccctta	tgcgcgctcag	gacaagaagg	300
acaagtcccg	cgcgcccatc	agcgctaggt	tgattgccaa	catgctgcag	gtctccggct	360
gcaacctatgt	cataactatg	gacctgcatg	cctcccagat	ccagggcttc	tttaacgttc	420
ccgtagataa	cttgtagcgc	gaaccgtccg	tctccgggtg	atcaagcgag	aacctagacg	480
ttgagaactg	cgtcattgta	tccccggacg	cgggcgggtg	caagcggtgc	accttgcttg	540
ccgatcgctn	aacacccgga	tttgctctga	ttcacaagga	gcgtccccga	ccaacgtcgt	600
gggcccgatgg	ttcttgctgg	tgatgtccgg	acaaggnggc	tttcttgngg	atgacattgg	660
gggaacctgc	ggaactttgg	gcaagg				686

<210> 7434  
 <211> 885  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(885)  
 <223> n = A,T,C or G

<400> 7434						
ctcgattacc	cttacgttcc	gaaataacctg	agacgtctct	gtcccccttg	ttcaagatgc	60
tgtcacgaag	ctctcttagg	accgctcagg	tctccgtgc	tgctgcccag	ccgcagcagc	120
tgacccgatc	gttcgccacc	gtccagtcgg	acatcttcaa	gcgggccaa	ttcggcggca	180
agtacaccgt	cacgctgatc	cccggagacg	gcatcggagg	cgaggtggcc	gagtcgggtca	240
agaccatctt	caaggccgac	aacgtgccc	tcgagtggga	gcagattgag	gtgtcggggc	300
tgaggagag	cgcgctgcgc	accgaggagg	ccttccgcga	gagcgtegcc	tcgctcaagc	360
gcaacaagct	gggcctcaag	ggcatcctgc	acacgcccgt	caagccggtc	cggccaccag	420
agcttcaacg	tggccatgcy	ccaggagctc	gacatctacg	ccagcatctc	gctcatcaag	480
aacatccccg	gctacgagac	gcgccacaag	gacgtcgacc	tgtgcatcat	ccgcgagaac	540
accgagggcg	agtactcggg	cctcgagcac	cagagcgtgc	ccggcgctcg	cgagtcgctt	600
caagatcatc	accgcgccc	aagtcggagc	gcatcgnaaa	gttcgccttc	gcctttggcc	660
tcgccaacgg	gcggaaaagg	ggtaacttgc	attcacaang	gcaacattat	gaagtgcgcg	720
acgncttttt	cgagcaactt	tcaaccagaa	ccggcaagga	gtaccnganc	cttgaggtca	780
acgacatgat	tgctcgacaac	gccttcattg	caggccgggt	tccgccccag	cagtttgang	840
tcntggtatg	cccaacctgn	cgggggatcn	tgtccacatt	gggcc		885

<210> 7435  
 <211> 697  
 <212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(697)

<223> n = A,T,C or G

<400> 7435

ctcccgctcaa	gtggaacctg	cccaagctct	gggggatgtc	cgtcctcctc	ggcactgtcc	60
tcgccattgg	tacctggatt	gccctcacca	ccatgtacgc	tggtggccag	aacggcggtg	120
tcgtccagaa	cttcggtaac	attgatgagg	tcgtcttcct	tgagatctcc	ctcactgaga	180
actggctcat	cttcatcacc	cgtgccaaacg	gccccttctg	gtcttccatc	ccctcttggc	240
agctcagcgg	tgccatcctg	gtcgtcgaca	tcattgctac	cctgttctgt	gtcttcggtt	300
ggttcattgg	cgaggacacc	agcatcgctg	ctgttgctcg	tatctggatc	ttctccttcg	360
gtatcttcgc	catcatgggt	ggtctctact	acttcctcca	gggaagcact	ggcttcgaca	420
acctcatgca	cggcaagtcc	cccaagcaga	accagaagca	gcgttcattg	gaagactttg	480
tcgtttctct	gcagcgtggt	tccacccagc	acgaaaagtc	tcagtaaata	cgctctatta	540
cataccgcc	gatcggttgg	tcngcatggt	tccgttttca	tgtnaattt	tatgtatgag	600
tcgtatctga	agatggactc	gtctgcacgg	atgaaaagca	acttttcata	cccctatgat	660
ggctgataga	cagctaata	anacaagtna	aatgtcc			697

<210> 7436

<211> 570

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 7436

ngtacnatga	ctttaagnnc	cttcctattg	tcctgctggc	tccagtgggt	cacgtcacct	60
tgaantcgtg	tctggacctg	ggcattacgt	tctacatgac	gatgccctgc	aagctcatcg	120
acttgagcaa	cggcatgata	cccgnctctg	agaacagggc	cacgccgtnt	ctcgcagacg	180
ttaccaagtc	gtttgagatt	ctccttgctg	aagacaacac	tgtcaaccag	aaactggctg	240
tgaagattct	cgaaaagtac	caccatgttg	tcaccgttgt	cggcaatggc	tgggaggctg	300
tcgaggctgt	gaagcagaan	aagtttgatg	tgatcctcat	ggacgtgcag	atgcccatca	360
tggggaggat	tcgaggccac	tggcaagatc	cgcagtacga	acgtggnatg	ggaacacaca	420
ggacccccca	ttatcgccct	cacggnacac	gccatgatgg	gngatcgnc	aaagtgcatt	480
caagcccaga	tggacanttt	ctgtcccagc	cgctggaagc	aaaccccagc	ttattccagn	540
accatttttc	aagtngtgcc	acncttggga				570

<210> 7437

<211> 707

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 7437

gcctcccaag	aaggcggttg	tcgaggagaa	gatccctctg	ggacgacctg	gcaacaactt	60
gaagagcggc	attgtcggcc	tcgccaacgt	cggcaaatcc	accctcttcc	aggccatcac	120
aaagtgcaat	cttggcaacc	cagctaactt	cccctatgcc	accatcgagc	ccgaggaagc	180
tcgcgtcatt	gtccccgatg	agcgattcga	ctggctcgtt	gagaaataca	agcccaagtc	240
acaagtcccc	gccaaacttg	ccgtctacga	tattgctggt	cttaccgcgc	gatcttcaca	300
ggagctggtc	tcggaaaactc	tttctgtgcc	cacatccgag	ccgtcgacgc	catcttccag	360

gttggtccgat	gcttcgacga	tgccgagatt	attcacgctg	agggcgatgt	caacccccacc	420
cgtgatctgg	acatcatcag	cgangagctg	cgactcaagg	atattgagtt	tgtgggagaan	480
gctctggang	ctcaaaagaa	gaagaccgcg	atgggtggcc	agagtctgga	gctgaagaag	540
ggcaagatcg	agcaggagat	tatcgagaag	atccttggnc	ttggcttcan	gacggnaagg	600
aaattcgcaa	gggcnactgg	accccccaagg	agatcgangg	cattaacctt	ttgttcttct	660
gacgggcaag	ccgggtgnct	acctngtnaa	ctgnectgana	aggacta		707

<210> 7438  
 <211> 880  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(880)  
 <223> n = A,T,C or G

<400> 7438						
ggtgctgacc	ttttgcagaa	gagaagtgg	cttcacagct	aaattttctct	ttcctcacc	60
atctcgaaac	tctttgcgca	gaggcgaggc	tgtaccaaat	ggctgaacaa	ctgatcctca	120
aaggtaccct	cgagggccac	aatgngctgg	gtcaccagct	tggccacctc	catggagaac	180
cccaacatgc	tctgtgtctg	tagccgagac	aagaccctga	tcatctggaa	cctcaccgcg	240
gacgagactc	agtacggcta	ccccaaagca	tcgctcaagg	gccactccca	cattgtgtcc	300
gactgcgtga	tctcctccga	cggcgccctac	gctctgtctg	cctcctggga	caagaccctc	360
cgcctgtggg	agctcgccac	tggcaccacc	acccgaagat	tcgtcggcca	caccaacgac	420
gttctctccg	tctccttctc	cgccgacaac	cgacagatcg	tctccggctc	tcgtgaccga	480
accatcaagc	tgtgggaaca	ccctcggtga	ctgcaagtac	accatcaccg	acaagggcca	540
cactgagtgg	gtttcctgcg	ttccgattca	agccccaaac	cccagaaccc	cgtcattgtc	600
ttcagcgggt	gggacaagct	ggtcaagggg	ttggggaagc	tcttcacctg	caagctgcag	660
accgaccaca	ttcggccaca	cccggctaca	tcaacaaccg	gcaaccatct	tccccgatg	720
gnttnttttt	gcgcccncg	gnggggaang	accgggacca	cccattgctt	ntggganctg	780
gaacgaattn	caagccacct	gggacttttt	ttcaaggnc	ancgaacgna	aaatcnacc	840
cctcgttttt	ttttcaaacc	gaanttggtt	ttggctgctc			880

<210> 7439  
 <211> 749  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 7439						
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gatcgccact	cgaccatctt	gcatctctcc	agagcctcag	agcctgcttt	cgtctcctgt	120
cccaacagca	aacgcaacac	caaccgcca	tcatgaaccc	tgaatacgac	tacctcttca	180
agctcctcct	catcggtgac	tccggtgttg	gaaagtcttg	tctgctgctg	cgattcgccg	240
atgacacctc	caccgagtcc	tacatctcca	ccatcggtgt	tgactttaaa	attcgaacga	300
tagagctcga	cggcaagact	gtgaagctgc	agatttggga	caccgcgggc	caggagcggt	360
tccgaacctc	cacctcttnc	tactaccgcg	ggcgacgggn	atctgcgtcg	tctacgacgt	420
cactgatatg	gactccttca	acaacgtcaa	agcaagtggc	tttaggagat	cgaccggtat	480
gccaccgagg	gcgtcaacaa	agttgctcgt	aggcacaaga	gcgatatgtn	cgacaaagaa	540
ggnggttgag	tacaccggtg	gcaaagaatt	cgctgacagg	cctgggcatt	cccttcttga	600
gaccttcggc	aagaacgcag	caacgtcgaa	gcagggtttn	ttgaccatgg	ntcgnacgat	660
aaggagcgca	ttgggcacca	cgacggcaac	aacacgaaac	ccagcggtgga	cgtcggncaa	720
gggcccaggc	gttggnnaact	ttttcaaga				749

<210> 7440

<211> 754  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 7440  
 ggcttcggcg gtcagcaaga tgacgggcat caccttcaag acggcgccca acaagttcga 60  
 ggcgctggcc gcccacgacg ccacgtcca ggccacggc agcctcaaca ccctggccgg 120  
 ctccctcacc aagattgctc aggacatccg atacctgggc agcgggtccc ggtgcggcct 180  
 cggcgagctg attctgcccg agaacgagcc cggcagcagc atcatgccc gcaaggtcaa 240  
 cccacgcag tgccgagggc tgaccatggt ctgcgcccag gtcattggga acaacgtcgc 300  
 cagcaccatt ggcggcatga acggccagtt tgagctcaac gtgtacaagc ctctgatgat 360  
 tcgcaacctg ctgcacagct cgcgcattct ggccgacggc atgcgctcgt ttgaggagca 420  
 cctgggtcaag ggcttcgagg ccaacgagga gaagattgcc agcatcatga aggagtcgct 480  
 catgctggtg acgtgcctca accccaagat tggctacgac atggccagca aggttgccaa 540  
 gaacgcgcac aagaagggcc tgacgctcaa cagagtgcc tggagcttca agcgtttacg 600  
 gagcangagt ttgatgaact cgttaagccc gactcatggt caagcccaag ancgtgtnaa 660  
 nggaagcaaa aaaaaagggg cgtgtgtaca agtacaacaa cctaaataat accatgggac 720  
 ggggttnttg aggaagcttc tttganaaaa aaaa 754

<210> 7441  
 <211> 874  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(874)  
 <223> n = A,T,C or G

<400> 7441  
 ccctctctgt ccacaaaccg tgacacccct gcctggaaca ccgagctggt cgaccgctac 60  
 aaggccgtcg tcgacgagat gtcccagtac cccaacgtca tcggctactt cgccggtaac 120  
 gaggtgagca acgccaagaa caacactggc gcctccgcct acgtcaaggc cgctgtccgc 180  
 gacaccaagg cctacatcaa gtccaagaag taccgctggc aggggtgtcg ctaccgccgc 240  
 aacgacgatg tcgacattcg tgccgagatt gccgactact tcaactgcgg tgaccaggat 300  
 gaggttatcg acttctgggg ctacaacatc tactcgtggt gtggcagagc tccatgcaaa 360  
 agtccggcta cgacgagcag accaccttct tctccaacta ctctgtcccc gtcttcttcg 420  
 ccgagtacgg ctgcaacctg cccagcggcg ccgctgcccg tatcttccag gagactgctg 480  
 ctctgtactc tgacgagatg accaaggctc tttagcgggtg tattgtctac atgtactttg 540  
 aggaggacaa cgactatggt ctctgcaagg tcaacaacgg cgcgtctcc aagctcaagg 600  
 acttcagcgc tctccagaac caggttacca aggcgcagcc caagggtggt gacgccgatg 660  
 actacaagcc caccaacaag cccgccagct ggccctggcct tgaccgaacna ctgggaaggc 720  
 catcaacaag ccttccccca cccctgatgc cagcctttgc acttgcatg cagagctctc 780  
 tgtgctgctg ttacgcccga cgaccttgac accaaggact ttggcgacat cttcggcctt 840  
 atctgcgga agtccccgag gtctgcgctg gcat 874

<210> 7442  
 <211> 718  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

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<400> 7442
ctctggtgac aaggtcctgg tcgcgcgcta ctcccacgag ctgagggcct acggcatcaa      60
ccacggcctg accaactggg ccgcgcgcta cgccaccggg ctccctgatcg cccgcctgtg      120
cctcagcaag ctcggcctcg acaaggactt tgtcgggtgtc gaggaggccg acggtgagtt      180
caccctcacc gaggccgcgg agaccgagaa cggcgagcgc cgcccccttca aggccttcct      240
tgacgtcggg cttgcccgcg cctccaccgg tgcccgtgtc tttggtgccc tcaagggcgc      300
ctccgacggc ggcacccctc tccccactc cgagaagcga ttccccggct acgacattga      360
gagcaaggag ctggacgcgg agaccctccg caagtacatc tacggcggca cgtcgccgag      420
tacatggaga ctctggccga cgacgatgag gagcgctaca ccagccagtt cgccaagtac      480
atcgaggacg atgttgaggc cgacggcctc gaggacctct acaccgaggc ccacaaggcc      540
atccgcgagg accccttcaa gaagggttag ggtgaagggg gaaaaaaaaa acaaggagga      600
attggaangg catctncaag aagtacaaga nttgcagact ttncaggcc gagaaagntt      660
gccaacgtnc aggccaaaaga tccanaagat cctggttgat gaataaaaaa aaaaaatt      718

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<210> 7443
<211> 517
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G

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<400> 7443
acacngtntg caaggttgac ccccatgaac antctggagc accnagtcta catcnagaan      60
gatggcgtgc ccatatcccc cttccacgac atcccgtctt ttgccaaacca ggagcagacc      120
atcctgaaca tggtcgtcga gatccctcgc tggaccaatg ctaagcttga gatctccaag      180
gaggagcttc tcaaccccat caagcaggac gtcaagaang gcaagcttcg ctatgtccgc      240
aactgcttcc cccacaaggg ctacctctgg aactacggtg ccttccctca gacctgggaa      300
gaccccaaca ctgtccaccc cgagaccaan gccaaagggtg acaacgaccc tntcgacgtc      360
tgcgagatcc ggcgagctng ttggctaccc ccggcagggtc aagcacgtca aggtntctcg      420
tgtcatggnc ttctngacca ngaggagact gactggaacg tnattgtatt gacgtcaacg      480
accccctggc ccccaagctg aacgatgttg acgacgt

```

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<210> 7444
<211> 821
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(821)
<223> n = A,T,C or G

```

```

<400> 7444
nagaagaaga ccgtggaccc tttcacccga aaggactggg actntatcaa ggctcctaac      60
cccttcaaca tccgagatgt tggcaagacc ctggtgaacc ggacgaccgg tctcaagaac      120
gccaacgatg ctctcaaggg ccgcacgcgc gaggtctctc tcgccgacct ccagaaggac      180
gaggaccact cattccgcaa ggtccgcctc cgcacgcagc aggtccaggg caagaactgc      240
ctggaccaan ttccacggac ttgacttcac atccgacaag ctccgatccn tcgtccgcaa      300
gtggcagacg ctcatgagg ccaacatcac cgggtcaagac caccgatgac taccttnatc      360
cgctttttgc cattgcctta ccaagcgacg ccccaaccag atcaagaaga ccacctacgc      420
tggttttttc ccagatccgc gccatccgac gcaagatgac cgactttatt caagcgcgag      480
gcttcaagnt gnacccttac ccaagtnggt ttccaagtgg attcccgaag ttttccggcc      540
gcgaaatcga aaagtccacc cagggnattht accccttca naacgttcac atccgcaagg      600
ttaactgntt gaaggntcca agttcgactg ggcgcctga nggttttcac ngggagtttg      660
ggaccgacna ccagggnaaa aaggttganc cggaattnaa ngacctgttt tggataagnn      720
tgaaaaanng gttatgtgta aaaaaataaa aggcccgggg aacccttgca agtcattcgg      780

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cctanncttt tccagtantt ttaatggggt aacacccata g

821

<210> 7445  
<211> 663  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(663)  
<223> n = A,T,C or G

<400> 7445  
gattgcttag gacggcaata gtttttattg tcgaggcaag atgcagattt tcgtcaagac 60  
cctcacgggg aagacgatca cccttgaggt ggagtcttcc gacaccatcg acaacgtcaa 120  
gtccaagatc caggacaagg agggcatccc cccggaccag cagcgctga tctttgccgg 180  
caagcagctc gaggatggcc gcaccctgag cgactacaac atccagaagg agagcaccct 240  
ccacctgggc ctgcgcctgc gtggtggtgc caagaagagg aagaagaagg tctacaccac 300  
ccccaaagaag atcaagcaca agcgcaagaa gaccaagttg gctgtcctca agtactacaa 360  
ggtcagcaac gatggttaaca tcgagcgctt tcgccgcgag tgccccctccg acacctgcgg 420  
tgccggtgtc ttcattggctg ccatgcctga ccgtcagtac tgtggtcgct gccacctgac 480  
ctacgtcttc gacaaagcag tagacgacaa ccaaactcaa aaaaacctnt taaaaaaaat 540  
ggaaaaatga attttgtgga ttggacagct ggagccatgg gactgccata acatacaaag 600  
ggcgttgatg tagcatanag agcacattcn gcggttntg gtaatgaatg cttgatttga 660  
gac 663

<210> 7446  
<211> 640  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(640)  
<223> n = A,T,C or G

<400> 7446  
cagccctggg tttgttggtc tggccatgtc gtatgctctt cagattacga cttcccttaa 60  
ctggatcgtc cgtcaaacgg tcgagggtcga gaccaacatt gtctctgtcg agcgagtgtc 120  
tgaatacgcg cgactgcccc gcgaggcacc tgatatcatt cccagcaagc ggccctcctgt 180  
caactggcct agcaagggcg aggtggactt taagaattac agcacgcgtt atcgtgaggg 240  
cttgattttg gtgttgaaga atatcaacct cgatattaag tcacacgaga agattggcgt 300  
gctcgccga actggtgctg gcaagtcacg gctgacactg gctcttttcc gactgattga 360  
gcccgtgacc ggccatatcg acattgatgg cctcaacacc ttcaactattg gcttgcttga 420  
tctccggcga cngcttgcca ttattccgca agacgcagct cttttcgagg gtctggtcga 480  
gacaatctcg acccnggcca tgtacacgac gatagcgaac tctggagcgt actagacatg 540  
ctcgttgaag gattacgtat tcagcttaga aggaggcctc gagccaagat ccacgaagga 600  
ggctccacct tttaacaagg caacgccagc tngttttttt 640

<210> 7447  
<211> 874  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(874)  
<223> n = A,T,C or G

<400> 7447

caaccaccaa	acactctccc	aaacaatctc	cttcacacaa	acacataaca	aaataatacc	60
ccgtgatcga	gaaatcaaca	cccctctttt	ccctttccta	gcaaaaagtca	cagattttccg	120
ttgatacccg	caaccatggc	cgaaactttc	gagttccagg	ctgagatctc	tcagctttctc	180
tccctcatca	tcaacaccgt	ctactccaac	aaggaaatct	tcctgcgaga	acttggtctcc	240
aacgcctccg	atgccttggg	caagatccgc	tacaaggcgc	tgcccgaccc	cagccagctc	300
gacactggca	aggacctgcg	catcgacatc	atccccaaca	aggaggccaa	gaccctgacc	360
atccgggata	ccggtattgg	tatgaccaag	gctgaccttg	tcaacaacct	gggtaccatt	420
gcccgcctcg	gaaccaagca	gttcatggag	gccctgactg	ccggtgccga	cgtgtccatg	480
attggtcagt	ttggtgttgg	tttctacttc	tgcctacctg	gtcgccgacc	cgcgtcaagc	540
gtcatcttca	agcacaacga	tgacgaagca	gtacatctgg	gaatccagcg	ccggtggcac	600
cttcaacatc	accctcgaca	ccgagggcga	accgtcttcg	gtcgtggtac	ccgccatcgt	660
ccttccacct	caaagggacg	aagcaggccc	gactacctga	acganaagcc	cgcatacaagg	720
gaggtnaatc	naagaaagca	cttcngagtt	tattnagcnt	accccaatct	taccttccac	780
ggttnaaaga	aanggaaggt	cngaagaaaa	ggaagggttt	ncccgaaatg	aaggaaaggc	840
ttggtttgaa	gggaaggga	aaaagccccc	gccc			874

<210> 7448

<211> 799

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 7448

ngtccatcgg	cacgaggcgc	gacaacatcc	accatgctga	cctttaggcg	gctcttcacc	60
accgccatcg	acctgggtgg	gggcctgctc	ttcttcgtca	agacggccga	ggccgccaag	120
ggccccaaga	tcacccacaa	ggtctttctc	gacattgagc	acggcgacga	gaagctgggc	180
cgcatacgtc	tgggcctgta	cggcaagacg	gtccccgaga	cggccgagaa	cttccggggc	240
ctggccaacc	ggcgagaagg	gcttcggctt	acgaagggtt	tcgaccttcc	accgcgtcat	300
caagcagtta	atgattcagg	gcggcgactt	taccaagggc	gatggcaccg	gtggcaagtc	360
gatctacggc	aacaagttca	aggacgagaa	cttcaagctg	aagcacacca	agaagggcct	420
gctgtccatg	gccaacgcgg	gacccgacac	caacggctcc	cagttcttca	tcaccactgt	480
tgttacctca	tggctcgacg	gccgacacgt	cgtcttcggc	gaggttctcg	agggctacga	540
cattgtttgag	aagattgaaa	acgtccagac	cggccccngg	cgatcgncca	gtgaagcccg	600
gtcaagattg	ccaagagcgg	cgagctggag	gggtcccccg	aaaggatttc	acgtcgagct	660
ctaaaactgtc	tnactggctg	cacacacgca	ctttgtacaa	cgcacacgca	cacgcacaca	720
caaaacacgg	ggttttcaac	tntttccgctc	cctgncaactt	ggtatgctga	tgaatttggg	780
tttgaaattc	agagcttct					799

<210> 7449

<211> 340

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(340)

<223> n = A,T,C or G

<400> 7449

accaatggcg	tcattcccgc	tcgatntana	agagtccaat	gccccaaagt	tgggaacgcc	60
tacatttggc	ttcgaaatgg	cggagggcct	tactattttg	ctctcacggc	agtcaacacc	120
aacggaccgg	gctcagtcac	caaaatcgag	atcaagggcg	cagacaccga	caactggggt	180
gccttgggtc	atgacccaaa	ctatacgagt	agccgcccac	aagaacgcta	tggcagttgg	240
gtaatcccac	agggatcagg	gcccttaact	tgcctgtngg	aattcgtctg	actagcccaa	300
cggggaacag	attngaatg	aacannccct	caagaacttt			340

<210> 7450  
 <211> 697  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(697)  
 <223> n = A,T,C or G

```
<400> 7450
cgcccttttcc ttctccggca ctgagttggt cggcctcgcc gctgccgagt cagccaaccc      60
taccgcgaac atgcccggcg gccatcaagc aggtcttctg gcgtatcacc gtcttctaca      120
tcctcggcct cttcttcgtc ggactgttgg ttgacagcaa cgacccttcg ctgctctctt      180
cttctgccta ctcggaactcc aaggcctccc cctttgtgct tgcggcaag tacgctggtc      240
tcaagggttt cgaatcactt aatgnaacct cggcaattct cgtttccgtc ctgggtccaat      300
ggcgtctctg gtgtgtatgg ggggatctcg aacctgact gccttgctca acaaggctat      360
gctccaagct cttcaactac attgacaaaag tccggccgtc ctctgccttc ggtcatggcc      420
tcattctgtg cnggttcacg gcgtacgtna cttgagcgcc accggcctgg tgctttgact      480
ggctgntcgc atntttggct tgccggtctn ttnacttggg gcttcgtttg cctggccaaa      540
atccgaattc cgaatggctg gaaggatnac gggcacattt tnaagaaanc ccnnttaagg      600
gcggcggggg ngntattggt tttatntttg gccttttctt ttgnggtggt ggccttattc      660
gccaagtttt ancctggcat naattggtgg ccccaat                                     697
```

<210> 7451  
 <211> 658  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(658)  
 <223> n = A,T,C or G

```
<400> 7451
cgctgtcggc gccgcctacc ttgccaagca gaaggccatt gttcaaaagc tcaactgccat      60
cgagtcgctt gctgggtgctg atatcctctg ctctgacaag accggtaccc tcaactgcca      120
caagctgtcc atccgcgacc cttctgtctg cgagggccag gacgtcaact ggatgatggc      180
tggtgccgct cttgcctctt cccacaacct caagactctc gaccccatcg acaaggtcac      240
catcctgacc ctcaagcgct accccaaggc tcgtgagatc cttcagcagg gctgggtcac      300
cgagaagttc actcccttcg accctgtctc caagcgaatt accgctgagt gccgtctcgg      360
caaggacaag ttcatctgcg ccaagggtgc cccaaggca tcttcaagct cgcaaccccc      420
ccaggagctc cgctccgtct accgcagaa ggatcgtgag tttgcccgcc gcggtttcga      480
tctctgggtg tctgctataa gaagaacgat gaggagtggg ttctgctcgg tctctgtcca      540
tgtcgacccc ctctgtgagga taccgccaga ccatctngag gctgccactt ngtgtcccg      600
caaaagntta cttggtgacg ccatcgcacg gcnaggaacg tgcaaatgct tgccttcg      658
```

<210> 7452  
 <211> 875  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(875)  
 <223> n = A,T,C or G

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<400> 7452
gcnggtncctg ggtccggatt gttgcatant ctntctttgn tctctctctc ttntcttctc      60
tgcaacgctt ataactcttt ttgcgcgggg catctgggaa aaccgtttct tcacacatct      120
```

cttcttccac	aatggctcgt	tcacggagct	ccctggccct	cgggctgggc	ctgctctgct	180
ggatcacgct	gctcttcgct	cctctggcgt	ttgtcgga	ggccaatgcc	gcgagcgacg	240
acgcggacaa	ctacggcact	gttatcgga	ttgatctcgg	aactacctac	agctgcgtcg	300
gtgtgatgca	gaagggcaag	gttgagattc	tcgtcaacga	ccagggtaac	cgaatcactc	360
cctcctacgt	ggcctttacc	gacgaggagc	gtctggttgg	cnattccgcc	aagaaccagg	420
ccgtcgcaac	cccaccaaca	ccgtctacga	tgtcaagcga	ttgattggcc	gcaaattcga	480
cgagaangag	atccaggnc	gacatcaagc	acttccccta	caangtcatt	gagaagaacn	540
gcaaagcccg	tcgttcaagt	tcaaggtnaa	cggncanaaa	aagcagttac	ttccgangag	600
atTTTTgcat	tgatttttgg	cangatgaag	ganggtgccg	agttctncct	tgggcaaaaa	660
aggtaaccac	ccccgtcgg	accgtccttg	ctactttaac	gncaccagg	gaaggncaca	720
aaggacgccg	gtccattggc	cngnttgaac	gttttccgaa	tcgtnaccaa	ccaccggttg	780
gccgttttcn	ctttggttng	gacaagacca	acgggaaccg	ccaaaaattg	gtttcaattc	840
gggggggggnc	cttgangttt	ttttctggca	ttgaa			875

<210> 7453

<211> 920

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(920)

<223> n = A,T,C or G

<400> 7453

catcgcgaga	taccgcggcc	aagcagacac	aatgaccaag	ccagagggac	tccccgagat	60
gacgtaccgg	aacctgggg	gctcaggtct	ccaggtctcg	tccatctctc	tgggcgggatg	120
gctcacgtac	ggtggccacg	tcgaccgaga	gggcacatat	gcctgcatga	aggccgccta	180
cgactgcggc	gtcaacttct	tcgactgcgc	cgaggcctat	gccgcggggc	aaagcgaaat	240
cgtcatgggc	gaggccatca	agaagtttgg	ctggaagcgc	aacgacttgg	tcatctccac	300
caagatctac	tggggcctaaa	acttcggcac	caaccccgtc	aacaacgtcg	gcctgtctcg	360
aaagcacatt	gtcgagggcg	tcaatgcctc	gctgaagcgt	ctcgatctcg	agtacgtcga	420
cctgatctac	gcccaccgcc	cgaccgcaag	accccatgg	aggagacggg	ccgcgccttc	480
aatcacatca	tcgacaccgg	gcaaggcctt	ttactggggc	acgtcagagt	ggacggccgt	540
cgagatcgcc	gaggcatggc	gcgtggcctaaa	naaggctggg	ccttatcggc	cccctgatgg	600
agcaaccggc	cgtaccacat	gctcaaccgg	caaaaggngg	agggagaatt	ncaacttttt	660
gtaccgcgag	caccggctcg	ggcttgacaa	cctttttccc	cttggttcaa	ggcattctgt	720
cgggcaagta	caaaaacggg	attcccgga	aattccggtt	gcccggacag	aggctcgctt	780
ngttgcccgt	tattggaaaa	cggaccggaa	aaggaagggt	tgggaggggc	catttgnaaa	840
ggtcaacang	ntggaaccct	tttgnctaaa	aactnggcgt	taacaaancc	ctttggnctt	900
nggttgngnc	ttaaaaacct					920

<210> 7454

<211> 676

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 7454

ttaccaccca	acagaaccag	agcctctgaa	cccagatgcc	ctttgcgcag	ctagtactcg	60
gtagccccgg	ctcgggcaag	agtacctact	gcgatggcat	gcaccagttc	atggggcgcca	120
ttggggcgcg	gtgctccgct	gtgaacctcg	atcccgccaa	cgaccacaca	aactacctt	180
gcgctctcga	tatccgcgac	ctgggttaagc	tggaggacgt	tatgcgcgaa	gaccgcttgg	240
ggccaaacgg	cggtattcta	tatgctctcg	aagagctcga	gaacaatttc	gaatggctgg	300
aggaaggcct	gaaagagctt	ggggaagact	acttctgtt	cgactgtccc	ggccaggctg	360
agctctacac	gcatacaact	cattacgaaa	catcttttac	aagctccaaa	agactcttaa	420

attcagattt	gtctgcgtac	atcttacgga	tagctattgc	cttaccacgc	catcctctat	480
gtatccaacg	tcctcctctc	ggttccgagc	catgatccag	atggacatgc	cacacgtcaa	540
tgtgctcacc	aagatcgaca	aggnagcatc	gacgacgagc	tgcccttcac	ttggagtact	600
acaccgacgt	cgacgatctn	catacctaac	gccgtacttg	gaggccgaat	tccttgggat	660
gccaacgag	aaattc					676

<210> 7455  
 <211> 869  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(869)  
 <223> n = A,T,C or G

<400> 7455						
cgacctcnag	cagttccgcg	ccaacgagat	tgaaaagggc	cgcgctccagc	agctgcagaa	60
gaagctcgac	cagaagcgcg	ccaccctcga	ctggggccacc	ccgctcgagc	agctgcccgt	120
cgctcgactgg	gacgactttg	tcgccgactc	caagaatggc	aaggccctcg	tcgccattgc	180
cggcgatcatc	cacgacgtcg	gcgacttcat	ccgcgaccac	cccggcgggca	aggccctcat	240
caactcggcc	attggcaagg	acgccacggc	catcttcaac	ggcggcgctct	acaaccactc	300
caacgcgcgc	cacaacctgc	tgtccacgat	gcgcgctcggc	gtcctgcgcg	gcggctgcga	360
ggtggagatt	tggaaagcgcg	cccagttcga	gaacaaggac	gtcacgtaca	ttaacgactc	420
tgccggccag	cgcattgtgc	gagccggatc	ccaggtcacc	aaggttgccc	aaccgttgc	480
cagcgccgat	gcccgttgaa	gtggttggtc	atgagtgtgt	agagagggaa	aagcattgca	540
aagacgagac	atgaaggggt	gggggggtcca	tatcaatcaa	gacaaccgtt	gccttttctg	600
cttggttttg	aatgcggaac	aagacaagaa	aaatcatgaa	ttgggcggtt	ttgaggggat	660
catttttgtt	tttgtttttt	caaaggggccc	ttgtttggatt	ggagagggtt	ggtcaaaaag	720
gggggttttc	actttacttt	tctttctttt	tcaagccgta	tggatgaaga	agactagagc	780
atcattccgc	actctttttt	atatcaatca	aagagagagc	aaccactca	atgcataatc	840
aactcatata	tatatattac	cattcaaac				869

<210> 7456  
 <211> 564  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(564)  
 <223> n = A,T,C or G

<400> 7456						
ccnacatgnc	catcatgctg	cagtnccgcc	tgtcctccaa	cgtctttcttg	atcagccaga	60
tgctctactc	tcgcttctcc	gagaacctcc	tggtccgtct	tttcgggtgtg	tgggaggcca	120
aggacggcac	ctctcagctc	cacgcggtct	ctggtctcgt	ctactacatg	tctcctcccc	180
tcaacttcaa	ggatgctctg	ctcgacccca	tccacaccgc	cgtctacatc	atctacatgc	240
tcgggtgcctg	cgccctcttc	tccaagacct	ggattgaggt	ctctggctcc	agccctcgcg	300
acgttgccaa	gcagctcaag	gaccagggac	ttgtcatggc	cggacaccgc	gaccagagca	360
tgtacaagga	gctcaagcgc	atcatcccca	ctgcccgtgc	ctttggcggt	gcctgcattg	420
tgcccctgtc	cgttgcagcg	acctgatggg	cgctcttggc	tccggtaaccg	gtacccttct	480
cgctgtcacc	atcatctacn	gctactttga	aattgntggc	aaggagggtg	accttnttcg	540
gaatgaaggg	catgattatg	ggtt				564

<210> 7457  
 <211> 648  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(648)  
 <223> n = A,T,C or G

<400> 7457  
 ccncgggggc aagctcaaga tgaccctggg tctccccgtc ggtgccgtca tgaactgcgc 60  
 cgacaactcg ggtgcccgcg acctgtacat catctccgtc aagggtatcg gtgcccgcct 120  
 gaaccgcctg cccgcccggc gtgtcggcga catgggtcatg gccaccgtca agaagggaaa 180  
 gcctgagctg cgaaagaagg tccaccctgc cgtcattgtc cgacagtcca agccctggaa 240  
 gcgattcgac ggtgttttcc tgtacttcga ggacaacgct ggtgttatcg tcaaccccaa 300  
 gggtgagatg aagggtctct ccatcaccgg ccccgctcggc aaggaggctg ctgagctgtg 360  
 gccccgtatt gcagcaactc cgggtgtcgtc atgtaaaggg tgttttttcc aaacgaaagg 420  
 aggaagggag tttttttttt atatcaagag gaagaanaaa agaaacacaa tgacccaagt 480  
 tcctcgatgc gaacttatag aancgctgga aagttctttt tcttctcacc tcccaccct 540  
 ccttttttct ccccaaacc cgggttttct attctaattt ctttggtcgt atggganaaa 600  
 actggctnnt gaggggagaa aaanganaga aaaaaaaaaa cgggaaa 648

<210> 7458  
 <211> 735  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 7458  
 cattccccctc ggcggcaggc tggatcccgt caacgaggag ggaattgagt tttacagcaa 60  
 actgattgac gccctgttga ggcgggggtat cagccttggt gtgactttgt accactggga 120  
 tctgcctcag gcgcttcacg atcgctatgg aggttggtc aacgtggaag aggtccagct 180  
 ggacttttag cggtagcgga ggttgtgctt tgaacgtttt ggggaccgag tccagaactg 240  
 gatcaccatc aacgaaccct ggattcaggc catctatgga tatgccaccg gcagcaacgc 300  
 cccgggcagg agcagcatta acaagcactc caccgagggc aacactgcca ctgagccgtg 360  
 gctcgctgga aaggcccaga tcatgagcca tgcccgcgcc gtggccgtct acagcaggga 420  
 ctttcgcccc tcgcaaaagg gccagatcgg catctcgtc aacggcgact actatgagcc 480  
 ctgggacagc aatgagcctc gggacaagga ggctgctgag cgacggatgg aatttcacat 540  
 tggctgggtt gccaatccca tcttcttgaa gaaggactat tcnagaaagc atgaagaagc 600  
 aacttggggc gagaggcttt caacccttac ttcccgcgga cttttgccat ccttnaatgc 660  
 cggagagaac cgactttcta cggggcatgg aaattaccta cccaatccc cagnttcgcc 720  
 gccgccaan cttaa 735

<210> 7459  
 <211> 708  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 7459  
 caacctcctg ggcaagttag agcttaccgg cattcctcct gccccccgcg gtgtccccc 60  
 gattgaggtt tccttcgagt tggatgccaa cggatcctc aaggtctccg ctcacgacaa 120  
 gggcaccggc aagcaggagt ccatcaccat caccaacgac aagggccgtc tcaccaggga 180  
 ggagattgac cgcattggtg ccgaggccga gaagttcgcn cgaggaggac aaggctaccc 240  
 gtgagcgcac cgaggcccggt aacggctctt gagaactacg ccttcagcct gaagaaccag 300  
 gtcaatgacg aagagggcct cgggcggcaa ganttgacga aggaggacaa ggagaactat 360

taagtttgaa	gccagtcaag	gcacttgcta	ttccgagtgg	ctcgaggaca	acggcaccga	420
cgtaacactt	tgaccaaaag	actttgagga	gcagaaggag	aagctgtcca	acgtcgctac	480
cccatcacct	tcaagatgta	ccanggtgct	ggtggcttcg	angacgatgg	cgactttcac	540
gacgaattgt	aaaaaattaa	aaaaanggaa	attattgatg	catagatact	tattaganga	600
ccaaagaagt	tnccaggtgg	tatcgctccg	ttatgacctg	gtgtgntttc	agtcnttgta	660
aagttcgaat	gcacttttga	tngtataaat	cataaatgaa	tcttgnc		708

<210> 7460

<211> 674

<212> DNA

<213> Tricoderma reesei

<400> 7460

acggccggca	gtggcgctcg	tatatacttc	aggaaagaag	gtcgcgctct	tggagaggtg	60
accaagtacc	tggatataca	cgctcgcaag	cgaggcgagg	accgagcatc	agactacttt	120
atgcgcaccg	agaacattgc	cggcgtcaag	gacatgcgct	tccaggctct	aatgccagac	180
attctccact	ggctgggcat	caagaagatt	gatcggatgc	tgagcatgag	caacatgaaa	240
cacgatgcc	ttgttggcca	gggaattccc	atccatgaga	gagtggaaact	cccgaggag	300
ctcatccccg	ccgattcgag	agttgagatt	gacgccaa	tactgctgg	ctacttcacc	360
tctggcaaac	gattgactgc	tgaagagttg	cagtcggtac	agggcaggat	gtgggaagat	420
attgaccact	aaatcggact	tgcccagagca	agaagtcgct	atggggcaag	agttgggttc	480
tttgcgtcat	tgtgcggttg	ttacctaggg	cctgtgtctc	gcttttgcg	ggagttcggt	540
tgtggaatgt	acgcgtagtt	ctttaaacgg	agctgaatct	gcagcccatg	ctttcattca	600
gacccgtcca	gatagactca	ctagatcctt	ctggtagaca	ctaggttaaca	actttgaaca	660
actgcccccc	ggaa					674

<210> 7461

<211> 617

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(617)

<223> n = A,T,C or G

<400> 7461

tcgccgttcg	ccttccactc	tcactctctg	ccagcgacta	tcttgctctg	tccaagcatc	60
aactggcatc	tctaggccaa	ctacaaccgc	acaatcagtc	aagatgttta	tggcaagatc	120
tgaatacgac	cggggaatca	acaccttctc	ccccgagggg	cgtcttttcc	aggtggaata	180
ctcactcgag	gctatcaagc	tcgggtcgac	cgccattgga	attgccacat	ccgagggcgt	240
catcctcggc	gtcgagaagc	gcgtcacatc	ctccctctc	gaaacctctc	cgtcgaaaag	300
attgtcgaaa	tcgaccgccc	acatcggtcg	cgccatgtcc	ggcttaggcc	gatgccaggt	360
ccatgatcga	gcacgcccgt	gtcgagtggc	agagccacgc	cttcaactac	aacgaagtcc	420
tnagcgtcga	gagctgactc	aggccatctg	cgatctggcc	tgcgcttcgg	aaagggtgcc	480
gacngagagg	agaccatcat	gagcccggcc	ttttggtgtc	gcgctctcat	cgncnggttc	540
gacgaaaacn	ggccttnagt	tgtttcacgc	agagccaacn	gggaccttnt	atcgattcga	600
cgccaagggt	attggct					617

<210> 7462

<211> 552

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(552)

<223> n = A,T,C or G

<400> 7462

aacagccagt	cgtcaccatg	gcccaggagaa	tcaagaagca	ccagaagcgc	cttagcgccc	60
cctcccactg	gctgttgga	aagctgtccg	gcctctacgc	ccccaaagcct	tctcccggtc	120
ctcacaagct	ccgcgactgc	atgcccctga	tcgtcttcat	ccgaaaccgc	ctcaagtatg	180
ctctcaacta	ccgcgagacc	aaggccatca	tgatgcagcg	cctgggtcaag	gtcgacgcca	240
aggtccgcac	ccgacatcac	ctaccccgcg	ggcttcatgg	acgtcatcac	catcgagaag	300
actggcgaga	acttccgctc	atctacgaca	ccaagggccg	cttcaccgtc	accgnatcca	360
ggccgaggag	gccgagtaca	agctgggcaa	aggtcaagcg	cgttcaagct	cggccgtggg	420
ggaatcccat	tcttggttac	gcaccgatgc	gagaaccatc	ccgctccctg	acccctgat	480
caaggtaacg	acaccgttca	agattgacct	tgncaccgcg	aangatcacc	cgacttnatt	540
caagtttcgg	aa					552

<210> 7463

<211> 1479

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(1479)

<223> n = A,T,C or G

<400> 7463

gtcatctatc	tctgttgtnt	tggtctttct	gggccatagn	gctgcatggg	catagccac	60
caagtctcaa	tacagggcta	acatcaagat	caatgcccgc	cagacctatc	agacgatgat	120
tggagggggg	tggtcggggc	cctttgggtat	tgcttggtcag	caattcgggt	cttctgggtc	180
gtcgctgag	aaccaacaga	aggttaccca	gattctcttc	gatgagaaca	ttggcggcct	240
gtctattgtt	cggaatgata	tcggctcctc	gccaggaacc	accattttgc	caacctgtcc	300
cgcgacgccc	caagacaagt	tcgactatgt	gtgggatggc	aagtgacaac	tgccagttta	360
acctcaccaa	aacagctctc	aaatacaatc	cgaaccttta	cgtttacgcg	gatgcctggg	420
ccgtcccggc	tgcatgaaga	cggtcgggac	tgagaacctc	ggagggcaaa	tctgcgggtg	480
gcgaggaacc	gattgcaaac	acgactggcg	ccaagcata	gccgattatc	tcgtacaata	540
tgtccgcttc	tataaagaag	aangcatcga	tatctccttc	taggcgcctg	gaacgagcca	600
gacttcaacc	cctttacctt	cgagagcatg	ctttccgacg	gatatcaagc	caaagaactt	660
tttgganggt	ctntatccta	cgctcaagaa	gggtttccca	aaagtagacg	taactgntgc	720
gatgcaactg	gngcccgcga	agagagaaac	attntttatg	agctccagca	ggcnggggtg	780
cgaagaagat	actttgacat	tgcgacatgg	cacaactacc	aaagcaacc	agagcgccca	840
ttcaacgccc	ggtggaaagc	caaacantac	agactggagt	gggcaaattg	cacgggtcca	900
tggaacagca	cctgggatta	tagcggccaa	cttgctgagg	gcctccaatg	ggcattatat	960
atgcacaacg	cgtttgtcaa	cagcgacacc	tcaggctaca	cgactgggtg	gtgtgcacag	1020
aacaccaacg	gcgacaacgc	cctcatccgc	cttgatcgcg	acagctacga	ggtgtcgggt	1080
cgcttttggg	cttttgccca	atacttccgc	tttgcccggc	ccggatctgt	ccgcattggg	1140
gcaacaagcg	acgtcgagaa	cgtctatgtg	accgcatacg	tcaacaagaa	tggaaccgtt	1200
gctattcccg	tcataacgc	cgtcactttc	cttacgacct	tacaatcgat	ctggagggtg	1260
tcaagaagan	gaagctgagc	gaagtacttg	acggacaata	gccacaacgt	caccttgcaa	1320
agtcngtaca	aaggtctctg	gtagcaagtc	ttgaagggtg	ctgggtgagc	caaaagcgat	1380
gaaaactttt	ttggttgagg	taagaactcg	tacgggacga	tgggaagtgt	cgtgaccgtg	1440
tatctttttt	tacataggcc	gaatcgacgt	ttgccgctcn			1479

<210> 7464

<211> 568

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(568)

<223> n = A,T,C or G

<400> 7464

actacnatac	cccgtcccga	agcctngctc	cccatctttc	ctccctccgc	tcgagacgaa	60
------------	------------	------------	------------	------------	------------	----



anccagcgca	agagtcgctg	cgctttcaac	atgggcaaca	ccaccagcac	cgtgctggac	120
aacatcgccc	agggctccaa	ctttgacaga	gaagaggctg	accggttaag	aaaacgattt	180
atgaagctcg	acaaggataa	ctctggcacg	atcgagcgctg	acgaattcct	cagccttcct	240
cagatctcct	ccaacccgtt	gcacacgcat	gattgccatt	ttcgatgang	acggcggcgg	300
cgacgtcnac	ttcaagagtt	cgttttcggg	ccttgagcgc	cttcagcaag	caannggcaa	360
caaangagca	gaagctgcag	ttcnccttca	angtgtccga	cattgaccgc	gaccggttca	420
ttnacaacgg	ngagcttttc	atcgctctta	agatgatggg	gggcagcaac	ctnaaggaca	480
ancagctgca	ccagaatgtc	gncaagacca	ttatggaggc	nggactttga	caaggaccgn	540
aaaaattagc	tttgnnagat	taccaaga				568

<210> 7465

<211> 664

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(664)

<223> n = A,T,C or G

<400> 7465

ccaagctcta	aaccatggcc	ggaacacaac	attgtcgttt	ttgggggcca	tcactgcggc	60
ccggaggctg	ttgtttatgc	gttcaatggt	tttaagacga	tctgatcatc	ttacccctaa	120
caagttcaat	ctcaaggacc	acctcctcgg	cggtgtctcc	atcgacaaga	ccggctcccc	180
cctcacagac	gaagctctcg	ccgcccga	gtccgcgcgac	gccgtccttc	tcggagccat	240
tggcggctcg	gaatggggca	ccggcgccgt	tcgtccggag	cagggtctgc	tgaagctgcg	300
caaggagatg	ggcacctacg	gtaacctcgg	gccctgcttc	ttcgctcctg	atgccctcgt	360
cgaggcctct	cccctcaagg	cctccgctcg	ccgcggaaca	gactttatca	tcgtccgcga	420
gcttacgggt	ggcattttact	ttggcggaagc	gcaaggaaga	tgatggatcc	ggcgaggcgt	480
gggatacggg	gccgtactcc	cgcccagaga	tcgaancgtg	ttgcgcgatt	gggtgggatac	540
ctcgcccgcg	gtagangaga	aacgactggt	tacctcgcgtg	gacaaggcca	atgtgctagc	600
gacanggcag	gcttttggcg	aaagggtatg	gatgaagggg	ttccaagctt	gaattnccag	660
atct						664

<210> 7466

<211> 966

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(966)

<223> n = A,T,C or G

<400> 7466

cttttgtgat	acccccattt	ctttgcattc	tctctttttc	ctcttttttag	aaacttgacc	60
gcgaaaatcc	cacaaaaaag	atgcagcgcg	cattggcttc	ccgtgcccgc	gcctcggccc	120
tgtccggcgc	ttacaagtat	cgatctgggtg	gcagcctcgg	ccagcagggtt	cggttcgcctc	180
acaaggagct	caagtttggg	gtttgagggc	cgtgcccgct	ctgctggccg	gtgccgataa	240
ttcacatggc	aaggctctgtt	gctacgactc	atggtaccaa	gtgagacgaa	atgacaacat	300
ctgagtcag	caatgtcgag	ctctcccaag	attaccacag	gacggtgtca	cccgtcgcca	360
aggccatctc	cctcaaggac	aaagttcgag	aacctggggc	ccaagctgat	ccaggatgtc	420
gcctccaaaa	ccaacgagac	tgccgggtgac	ggaaccacca	gtgccaccgt	cctggggccc	480
ccgccatctt	ctccgagacc	cgtcaagaac	gttgccgcgg	gcttgcaacc	ccatggacct	540
gcgcgagggc	atccaggctg	ccgtcgacgc	cgctcgcgac	taccttgacg	aagaacaccc	600
gcgacatcac	caccaagcga	aggaggnttg	cgcaaggctg	ccactatcaa	gtgccaacgg	660
cgaccaccac	gtcggcaaa	ctgattgcca	acgccatgga	gaaggtcggc	aaggagggtg	720
tcacacaccg	caaggagggg	aagangctgc	aggacgagct	cgaggtgacn	gagggtatgc	780
gattcgaccc	goggatacgt	cttcccttac	ttcataccga	cgccaagtcc	gccaagggtt	840
agtttgagaa	ccccttgatc	tgctcttcga	gaagaagatt	tcggccgtcc	aaggacatca	900

ttccccgcct tngaggcctt taccancttc cgccgcccct tgtattcatc gccgangaca 960  
 tttgac 966

<210> 7467  
 <211> 527  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(527)  
 <223> n = A,T,C or G

<400> 7467  
 caaggtcatc attgagcggg actacccccg cctgaccctc gacttcgaga ccaacaagcg 60  
 catctgcgat gagattgcca tcattgcttc caagcgcctg cgcaacaaga ttgccgggta 120  
 caccacccac ttgatgaagc gcattcagcg aggaccgctc cgtggatatc ccttcaagct 180  
 tcaggaagag gagcgtgagc gcaaggacca gtctgctccc gaggtctccg ctctcgactt 240  
 ctccgaggct ggccagctgg acgtcgacaa cgagaccaag gacctgctca agcacctcgg 300  
 cttngactnc atccccacca acgtcatccc gtctnccang ctcaggctcc ngagcgtggg 360  
 ccagcgacga ttccggcgacc ggccttcgnc gngactaaaa agctttttta cctttttttt 420  
 tgggggatat tnggggtntt tgggtttgga acatttttgc angntggcgt cttaagaagg 480  
 gnatgagtgc atagatttgc cacaaaaaga aanaactttt ttcccc 527

<210> 7468  
 <211> 760  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 7468  
 ggcctctgga aggtcgacaa tgccgtgtgc gcggacaccg tgtacaacgc catcaaggcc 60  
 ggataaccgc tgtttgacgg tgccgtgtgac tatggcaacg aaaaggagtg cggcgagggc 120  
 gtngcccgcg ccatcaagga cggcctcgtg aagcgcgagg acctcttcat cgtgtccaag 180  
 ctgtggcaga cgttccacga cgaggacaag gtcgagccca tcacgcgccc ncagctggcc 240  
 gactggcaga ttgactactt cgacctcttc tegtccactt ccccgccgccc tcgagtacgt 300  
 cgacccccagc gtgcgctacc cgcccggctg gttctacgac ggcaaaaagcg aggtgcgctg 360  
 gaacaagacg acgacgctgc agcagacctg gggcgccatg gagcgccctg tcgacaaggg 420  
 cctcgcccgc agcatcggcg ttttaaacta ccaggcccag tccgtctacg acgcccctcat 480  
 ctacgccccg catcaaaccg gccaccttc agatcgagca ccacccgtac cttcagcagc 540  
 ccgacctngt tagnctcgcc aagaccgagg gcacgttcg tcacccgcta ctcgtncttt 600  
 ggccccacgg cttnatggac ttcgacattg nctcgncgaa gagcgtngcg cccttatgga 660  
 cagccccgtc atnaaggcct tggcgacaag caccgcccga cgcttgcca ggtccttttt 720  
 ggattggggc acccaacgaa ggnattcgnc gtattcccaa 760

<210> 7469  
 <211> 837  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(837)  
 <223> n = A,T,C or G

<400> 7469

ngangcgccg	attcggcagc	aggcgccctca	acctccttta	cgactccccg	attctattca	60
cagcccgcca	aaatgcccc	caccaagggt	tacttcgaca	tcgcctggaa	gggcccggtc	120
ttcaaggacg	gccgcgccac	caacgagatc	aaggagcaaa	ccggtcgcat	caacttcaac	180
ctctttgacg	acgttggtccc	caagaccgcc	gagaacttcc	gcgctctctg	caccggcgag	240
aagggttctg	gctacaagg	ctcttctttc	caccgcatca	tccccactt	catgctccag	300
ggtggtgact	tcacccgcgg	taacggcact	ggcggcaagt	ccatctacgg	cgagaagttt	360
gccgatgaga	acttccagct	gaagcacgac	cgccccggtc	tgcttgtcca	tggccaacgc	420
tggctcccaa	caccaaaccg	gctcccaagt	tcttcatcac	caccggccgt	caccttcctg	480
gttgaaacgg	ccgccacgtc	gtctttcggc	cgaagggttc	ccgacaaang	gagttccatt	540
gggcttgntc	gtccaggccc	ctttcaagg	ccaccgggnc	cgtggaatga	cngcaaggtc	600
aagtaagaa	cccgccacc	attgtcgaca	gcggtgtntc	gtaagctttg	tgcaagtgg	660
caagaatgct	tttgcatgtc	cgtgtgggtg	caaagtttg	gtncatgaag	ccatcgtggg	720
cnggttaaac	aaggggcttt	aacgcttcn	aaagactata	aaagtacctn	gncctattct	780
ttanccaaac	atttacgggg	ctgnaaacat	ataaaaaaaa	acacatntgg	tggcttc	837

<210> 7470

<211> 670

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(670)

<223> n = A,T,C or G

<400> 7470

atcaccacca	ccaagaagg	ttccattacc	tccgtccagg	ccgtctacgt	ccctgctgac	60
gatttgaccg	atcctgcccc	cgccaccacc	tccgtcact	tggacgccac	cactgtcttg	120
tctcgtggta	tctccgagct	gggtatctac	cccgccgtcg	accctcttga	ctcaacgtcc	180
cgtatgcttg	acccccgtat	cgtcggcagg	agcactacca	gaccgccacc	cgcgtccagc	240
agatcctcca	ggagtacaag	ggtctgcaaa	gatatacattg	ccattctggg	tatggacgaa	300
ctgtccgaaa	gccgacaaag	cttaccgtcg	agncgteccc	gaaagatcca	agcgttttct	360
tcagccaagc	cctttaccgc	tcgcccgaag	ctttacttgg	tattcgaggg	caagcttcgt	420
cgnaccttaa	aggacaccat	tggccttctt	taagggcatt	cttaacggng	aggggtgacg	480
cctgcccgan	gctgcttnta	catgggtggc	gactggcttt	cggcaaggcc	aagggtgaga	540
aaaatnttgg	cggagttgga	aaaaaaactaa	aaaaggccca	actagcttcn	tccaanaact	600
gggagtagtc	cggcctgtgt	atagactata	tagnagttaa	aacagctntc	tgattgnaag	660
anttggtttc						670

<210> 7471

<211> 771

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 7471

tggccgggta	ttccgggtatc	tcgtatgctg	cgcaagcccc	gagtcgggct	acgtatagca	60
gcgacggtaa	ctttcgactc	accggtcaca	tccatgatta	cccgtgggca	aatgggagct	120
cgccctcatg	gggagtctcg	ctggcctcgc	cttcgaacca	gttccagctt	cagctctcgc	180
agcccatctt	caagcaaagc	gattttgcgat	atcctgtgct	tgagcctctg	ctgctccacc	240
tgggaaacat	cctccccgtg	tctttggcgt	gcgatctgat	tgacctgtac	ttctcctcgt	300
cttcatcagc	acagatgcac	ccaatgtccc	catacgttct	gggcttcgtc	ttccggaagc	360
gctccttctt	gcacccacag	aacccacgaa	ggtgccagcc	cgcgctgctt	gcgagcatgc	420
tgtgggtggc	ggcacagact	agcgaagcgt	ccttcttgac	gagcctgccg	tcggcgagga	480
acaaggtctg	cagaagctgc	tcgagctgac	cgttgggctt	cttcagccct	gatccacacc	540
ggcaccaaca	ggccgtttcc	aagactagcc	ccgtcgtcgg	tgctgttgcc	tgggagttct	600

tggggtgggc	atgccgggct	cgctgaacat	ggattnctgg	cccggcgaaa	cggggctttt	660
tggggcatag	ggagccttga	cgaacgtcat	cacctatgtg	cacttcgcac	ggtcgtttcg	720
ggcaangagt	acaagggcgc	cagcctggcg	gngngggggg	ggcggnattg	g	771

<210> 7472  
 <211> 829  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(829)  
 <223> n = A,T,C or G

<400> 7472						
acgacccttg	cccgtgcgt	tcctggtgaa	gggctgcagg	attagagtcc	cctcgaaaca	60
gcaaacatgg	gtatttctcg	cgactccgc	cacaagcgct	cggtaccgg	tgctaagagg	120
gccacctacc	gcaagaagag	ggcgttcgag	aagggtcgcc	agccctccaa	cacccgtatc	180
ggtaccaaga	gaatccacct	ggtcgcgacc	cgtggtggtg	accgcaagtt	ccgtgccttc	240
cgtctcgagt	ccggtaaactt	ctcctggggg	tccgagggtg	tttcccgcaa	gacccgtgtc	300
atcgttgctg	cctaccaccc	ctccaacaac	gagctgggtc	gtaccaacac	cctgaccaag	360
tcggccgctg	tcaaaattga	tgctgctcct	ttcctgcaat	gggtaccgag	gcccactacg	420
gccagcccat	tcggccgcgag	acgccagcag	aagaccgaga	ccactgagga	gaagaagaac	480
aacagcgttg	tgaaaaagca	agcttgagcg	cttcgcccga	gagcggcaan	ggtcgagtcc	540
gccatcgaga	gacagttcga	gggcccgtcg	tctctacccc	gtcatttgct	tccccgcctg	600
gccagancgg	tcgtgtttga	ccggtacatc	cttggagggt	ggangacttg	ctttntacca	660
naaggctntc	aggaagtata	aaaaggaaat	cgtgttgtna	aaaggnggta	ttggagtttc	720
agcaattttt	ccaaaaacat	ttattgatct	ntggggcact	accggtgcat	tgngtgtaga	780
gctnttaact	ttcaancaat	tggaatganc	cttcgttntg	ttttggccg		829

<210> 7473  
 <211> 542  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(542)  
 <223> n = A,T,C or G

<400> 7473						
gcccgaacgac	cacgggnccca	gtcntccttt	cacaatggct	tnngcagcta	ccgtctccat	60
catcggcaaa	gatggtgctc	cctctggagc	taccacacac	attcccgcgc	tcttcgccag	120
ccctatccga	ccggatatcg	tgaagcaggt	tcacactggc	atggccaaga	acaagcgcca	180
gccttatgcc	gtcagcgaga	aggctgggtc	ccagacctnt	gctgagactt	gggggaactg	240
acgtgctgtt	gcccgtatccc	ccgtgtctct	ggtcgggtac	ccaccgtgct	ggtcaggccg	300
acttttggtaa	catgtgccga	tccggncgca	tgttccccct	accaagatct	ggcgcaagtg	360
gcacgtcaag	gtcaaccagn	gccagaagcg	atatgctacc	tgctctgcoct	ggctgcttcc	420
gctccgcctt	atntgtcccc	gtggncacca	ggtcagtacc	atnccccgang	ttccccctgg	480
tgngactctg	ntctcgntga	gggcagctcc	gtcgccccgac	ctctgcnnc	tcgccttctt	540
aa						542

<210> 7474  
 <211> 702  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(702)

<223> n = A,T,C or G

<400> 7474

taccaatgcc	ttactngtgn	atgcnaccta	acnntgacta	tntacccta	cnaggncacc	60
ngtcgngctt	cggntccggt	ctgcacggnt	tgggccttca	ccgtccgcca	gttcgccgtc	120
cgctacgcca	agaagtttgg	tggtgacaag	aacaagatga	tggagcgtct	ctggggcgac	180
aactacttca	acccccacac	caagaagtgg	accaagaacg	gcacctacga	gggcaaagca	240
gctcgagcgt	gccttcaacc	agttcatcct	cgaccccatc	ttcaagatct	tctccgccgt	300
catgaacttc	aagaaggacg	agatcaccac	cctgctcgag	aagctcaacc	tncctaccc	360
ccgatgaccg	ttccaaggag	ggcaagcaag	ctgctcaagg	ccgtcatgcg	cactttctgc	420
cgctgccgac	tccctgctgg	agatgatgat	cctncacctg	cctctccgtc	accgccagaa	480
gtaccgtgtc	gagaccctgt	acganggtcc	catggacgac	gaggccgcca	ttggtatccg	540
tgactgcgac	cctaagggac	ctnttcatgc	tctacgtctc	caagatgggtg	cccaccttcc	600
gacaagggcc	ggtttttacg	cctttngnccg	gtgtnntntc	cggtatnggt	ccgctccggn	660
cttaanggtc	cggattccan	gggcccact	tacaccccc	gg		702

<210> 7475

<211> 861

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(861)

<223> n = A,T,C or G

<400> 7475

cgctcgctcg	ctcgctcgctc	atcgactcgc	ctctccgacc	ttcaaacctc	caaccagcca	60
gctccagctc	tttcctgcga	ggcacctcat	ttcccgggog	tgggtgcggct	tccttacttc	120
tatccgacta	cccattctct	gctcctctca	ttcacgcct	tttgctcgcc	acaatccgtc	180
agccctcgac	gaccgcttct	ataacccccct	ccccttcaac	cttgacttcg	tggtacttag	240
actgctgcgc	cgcgaccgaa	taacaaccag	gccgaacctc	gattcaggca	gatacagctt	300
cacaggagaa	gctttcagct	actacgcaga	cgacgactcg	cagaagacgc	atcatagaca	360
ttcgagcaa	tggcggaccc	acgcaattcg	tcactctact	cggttgtgcc	gcaactgcag	420
tataacaccg	tgagcggtgt	caatgggtccg	ctgggtcattg	togagaacgt	caaattcccg	480
cgatacaatg	agatcgctac	gcttacgctg	ccgacgggtac	ngagagaaat	ggacagggttc	540
tggaagctcg	aggtgaccga	gctgtcgtnc	angtctttga	gggtacttcc	ggnatcgatg	600
tgaagaanac	ccgggtcaag	ttcacccgnc	agaacttnaa	cttgngntnt	cggaggacat	660
gctngggccg	gatntttgat	ggatctggac	gcgccatcga	caagggncoc	aagggctgcc	720
ggaagagtac	ctngacatta	acgggaggnc	cattaaccct	ttttccgaga	ataccccgag	780
gaaatgatgg	gaacggattt	tgggcattga	cccatgaact	tgatcgttcg	nggaaaaana	840
ttccattttt	tcggcttcgg	g				861

<210> 7476

<211> 742

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 7476

tgccccccaa	gaaggtcgcc	gctcccaagg	agaacatctc	cctggggcccc	tctgcccgcg	60
atggcgagct	cgtctttggc	gttgcccgtg	tcttcgcctc	cttcaacgac	accttcgtcc	120
acgtcaccga	tctgtccggc	cgtgaaacca	tcaccctgtg	caccgggtgga	atgaagggtca	180
aggccgaccg	tgacgagtcc	tccccctacg	ctgccatggt	ggctgctcaa	ggacgtcgcc	240
gcccgctgca	aggagcttgg	gcaccaaacg	ctctgcacat	caaagaatcc	gcgccaccog	300
gtgggtnaac	nggtacccaa	gacccccggt	cccgtgtgcc	agtctgctct	ccgcgcctcg	360

gcccgtgccg	gcatgaagat	cggccgcatt	gaggacgtta	ctcctacccc	ctccgactct	420
actcgcagaa	aggggtggctg	cgtggtcgtc	gtctgtaaat	atcgtatttt	tattttctaca	480
aaacaaacga	aatggaatac	cngattttaca	agtgtctggc	aacacttttg	actggattca	540
angcacgagt	ttcgctatct	ggttcttttca	tgcggcgctg	anaaaaaacg	angagaacgg	600
ccttgaagcc	tgggtctccaa	ctctattatg	ctttgcgctg	ggttgntcat	tctcctnata	660
ctangangaa	gatgtgactt	aatgtcaatg	cagtacacag	ttacgaattc	nccgaagaan	720
gntatgaaan	gtcgttttct	gc				742

<210> 7477

<211> 860

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(860)

<223> n = A,T,C or G

<400> 7477

cgaggccgtt	ctcgcaggca	aaccaccgga	aaatcttcac	cctctcgctc	aatcacaagc	60
acacaatcag	acacaatgtc	gggagtcag	agcgctctgc	cgacccacct	ctcgcccaac	120
gctgaggaca	atggcttcga	gcagcgtcac	catggcaaga	ctcgcagcca	catggccttc	180
gagaacacct	cgaccaacgt	cgctgccgct	cagatgcgaa	atgccctgac	caacctcgcc	240
gagaccgtca	aggaccccaa	ggagaagaag	ctgttcgaga	cggaaatgga	caacttcttt	300
gccctcttcc	gacgatacct	caacgacaag	gccaagggaa	atgcggtcga	ctgggatcgc	360
attgcccctc	ccgccagggc	caggctcgto	actacganga	tctcgccaac	agcgaagtct	420
gtccagttcc	tgaacaagct	cgccgtcctc	aagctcaacg	gtggctctggg	taccttcatg	480
ggctgcgtcg	gaccaagttc	cgctcatcgag	gtccgtgacg	gnattgtcct	ttctcgacct	540
gtccgtccgc	agatcgagta	ccttaaccgc	accctacggc	gtcaacgtgc	cctttattct	600
tgattgaact	tcgttcaaca	caacgatgac	accgccgnca	tnattaaaaa	agtccgangg	660
gcacaacggg	ggacattctt	nactttcaac	cagtcgaagan	acccccgaat	ntacaagact	720
ngnttgttgg	cccgccccca	attctacaat	tgcccattaa	cgaaggggna	cccccccgga	780
ncggggacgt	tttnantttt	tttnanttgc	ggttcttaac	aaattgtnga	gggngattt	840
aaaacntttt	ctgtccacgt					860

<210> 7478

<211> 691

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(691)

<223> n = A,T,C or G

<400> 7478

caacgtcaag	attactgatt	tcggtttctg	tgccaagttg	acggaggcca	agtccaagag	60
agcgaccatg	gtcggaacgc	cctactggat	ggcgccggaa	gttgtcaagc	agaaagaata	120
cggccccaag	gtcgatatct	ggtctctggg	catcatggcg	attgagatga	ttgagtctga	180
gccgccatac	ctcaacgagg	agccattgaa	ggccctgtac	ctcatcgcca	ccaacggaac	240
accccgccct	aagaagcccg	agaagctcag	caaggagctc	aaagccttcc	tctccgtctg	300
cctgtgcgtc	gacgtcaaga	gtcgagcgtc	tgcgagcgag	cttttggtct	atgacttctt	360
ccagcacggc	aagcggcctt	gcaagcctgg	cagagctctt	ggctttcaag	cgcaatgcga	420
aataaacgga	gcagtgtgta	attcgcgagt	atgagtgaga	aaaagagaag	aagagtcttg	480
tcaattcttc	tgatgtttga	tggcctccgc	gtccccttgc	tgtgccatta	ctggacgagc	540
agtggctggc	catgtgaaag	ccttgagaat	cattcttctt	ttctnggngc	attggcggtg	600
tttcttcttc	tttttttcta	ttngggtgac	tttgcntcta	cacacttntt	ggtctacnca	660
tgcctgcaag	ttgngcggnc	cccatttttt	t			691

<210> 7479

<211> 1489  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(1489)  
 <223> n = A,T,C or G

<400> 7479  
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 ccgcaaggca tgctgtttct gccgccgggc aagaagacgt cgggcgagag cgtccacatt 120  
 gaccaggtcc tgagtcccga ggaaatccgc atcaagcggc cgttcaagac gcagctggcg 180  
 cttcagcagc tcacagggcg cgacgacatt gacgaggagg gcccgttca ccaacaagtc 240  
 catcaacggc ccggcaccgg gataccaagg gaccaagttc aagctcgcgc ccataccga 300  
 ccagaccaag gtgtacgaag nccgtctttg cgcgcctgag gaacggcggc tgtgtcggca 360  
 tttttcccga aggcggcagc cacgatcgct ccagctgctc cccttgaaag gccggcggtg 420  
 ccatcatggc gctgggagcg ctggccgang cgcccgactg cgggtctnaag attgtgcccg 480  
 tgggcatgaa ctacttttnc cgcacaaagt tccgggtccc cgcccgctcat cgagttttgg 540  
 cgcgcccgtt ttgagatccc gcgccacctg gtggancatg taccgcaaca accaagccgc 600  
 cgagaaggcc attcggccag gtccttcgac accgtctaca aagccctcag cttccgtcac 660  
 cggtttaagc tccggactac gacacccttg atgatgatcc aagcggcgnc ggcggtctta 720  
 caacccccag gccaaagaaac ttgccgctgg ccgggtgggt gtggagctga accgccgcct 780  
 ggccctgggc tacgagcgct acaagaacga cgagaggata accagcctgt ccaagagtgt 840  
 caaggagtac aactcgcagc tgcgctatct caacctnagg gaccaccagg tgcagtacgc 900  
 caccatgtcc atctggaagg tcattgngct cttcatctac cgctccatca agctgctgat 960  
 cctcttccctn tgcacgggtc ccgggctcct tctgttctcg cccgtcttcg tggccacgaa 1020  
 aatcattaag caggcaaaag gccaaaggcg gcgctggcga accttcgact gtcaaagatc 1080  
 ccggnngggc gccgaatgtc attggggcca cgtnggnaag aatttnttgg ttcggccttg 1140  
 cnggactggg ccgcccnaac gcttgtacct acttttttaa cttcgaatca attcggcccn 1200  
 tgggttgggaa ggggccattn gggtanccga acccggtttt ttttnggggg gcnttaentt 1260  
 tggnccccgg aaatngggna ttgnccccc ttggaatccc tngggggggg ancttttttg 1320  
 gcggaaaaaat tgggggttgg gccntgggna ttgggtcaat tattccaant tggngggggc 1380  
 tttcnggttt cngcnaaggg tcgggattgg acatttttna agtccnttgg ggccgntnng 1440  
 gggttttgct nggttcggcg ctcantttta aatttccaac taaacaggg 1489

<210> 7480  
 <211> 530  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(530)  
 <223> n = A,T,C or G

<400> 7480  
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 cgctcgtgac cagcagggat tctactggat ccgcggccgt gtgcagcagc tcgtnaacgt 120  
 cagcgggtcac cgtctgtcaa cggccgagat tgaggctgct ctgatcgagc accactcagt 180  
 cgccgaggct gncgtcgttt ggtgtctcgg acgagctgac cggtcaggcc gtcaacgcct 240  
 tcgttgccct caaggatggc aacgacgcca acgatggcgt gccaaaggagc tcgtctgcan 300  
 gttcgaaaga ncatcgggtc ttttgccgcg cccaaggctt gtctttattc attgggcgaa 360  
 tcttnncnca agacgccgaa agtgggaaag aattattgcc ncccgcaatt ttnganaaaa 420  
 aggtgcttgg cttggccaaa ggaaggantc anacctgggg cgaatggtn tttcnccgct 480  
 tggccgggaa tcccttttgg ntggggggga acaanaaac aattngggccc 530

<210> 7481  
 <211> 900  
 <212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(900)

<223> n = A,T,C or G

<400> 7481

ncggnacgag	gccntgntct	ctgcaacacc	acgctctctt	ctctcacgat	acagagaagg	60
caaataaaaa	cacaaccttt	attctacacc	tgtctctcaa	ttagtcaata	ttctctcctc	120
gcacattcac	aatgagctcc	tctcttgacc	agctcaaggc	caactggcacc	gttgctcgtct	180
ctgacactgg	tgacttttgc	gccatcgcca	agtacaagcc	ccaggatgcc	accaccaacc	240
cctccctcat	cctggccgcc	tccaagaagc	ccgagtagcc	caagctgata	gacgtcgcca	300
tcgactacgc	caagcagaag	ggcggcgaca	ttgagcagca	ggtcgacgat	gccctcgacc	360
gcntgctggg	cgagttcggc	aaggagattc	tcaagattgt	tcccggcaag	gtctccaccg	420
angtcgacgc	ccggttctcc	tttgacacca	aggcctctgt	cgacaaggcc	ctccacatta	480
tcgagctcta	caaggagctc	gggcatcccc	aaggagccgc	gtcctcatca	agatcgcttc	540
cacctgggan	gggcatcaag	gctcgccgag	atcctgcagc	gcgaccacgg	natcaactgc	600
aacctgacgc	tcattgttct	ctgcccaagc	catcgccgcc	cgccgaggcc	ggcgcttcc	660
tatttccctt	tcgtggccga	tctcactggt	taaggcagca	ccaagaagga	ctattcaagg	720
aggaagaccc	cggtgtcgct	tccgcaagaa	cattttaact	ctacaanaaa	gttgntacaa	780
aacattgtat	gggtgcttcg	ttccgcacac	gggcgaaaat	accaactcgt	tgggtggaga	840
tacctggaca	tttttccaac	tggttgagga	gtttottaatt	caccgagccc	gtcccaaaat	900

<210> 7482

<211> 781

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 7482

cggggaaagc	ggctcagtag	gtcgcccaga	tggcctctgc	gctgcagtag	cttcaccgga	60
agcacgtcat	ccaccgcgac	atcaagcccc	agaacatcct	ggtgggcatc	cacggggaaa	120
tcaaaatctc	cgactttggc	tggagcgtgc	acgcccccaa	cagcaggcgc	aagacgctgt	180
gcggtaccct	cgattacctg	cccccgagga	tgatcaagcc	cggctcttcg	gacaactact	240
acaacgaaaa	ggtcgacctg	tggagcttgg	gagtggtgac	atacgagttc	cttgctggcg	300
aggctccctt	tgaagatacg	cctgtcatga	cgcagcggag	aattgcccgt	gcggacatgc	360
aaattcccaa	gtttgtcagc	cccagggctg	ctgatctcat	ctcaagactc	ttggtccttg	420
accccgagaa	tcgaattcct	cttgacgagg	tccagcgcca	tccttggtat	atcaagcact	480
gcgtcaaaag	ggagcgagct	accaaccgcg	agaagcactc	ctaactctgc	acttgacaca	540
tactctcgat	ctgtttttac	tctccgattg	ctgagtttgg	aaatcttgtg	agagagttga	600
acggtctctg	gagttgggtt	tgtgagattg	atatgggata	atacgangag	tcgacggagt	660
ttcctatccg	ttatcttttt	acttctttct	gggtctttac	agggcgggaa	acacaagcga	720
gtcagtcgaa	ttagtctttt	cgtttngggg	natcttttaa	ttacattgca	agttacattc	780
c						781

<210> 7483

<211> 885

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(885)

<223> n = A,T,C or G



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<400> 7483
ntttntcacc aaaggggttaa gagaggggact gtcaaaacgg ctgaagatac acctgggtctt      60
taagtcttgg gaattttttt ttttttttct ttttcaactc acttgaacct cccaacttac      120
acagcagcca attacagaag acgcccagcc atgcatcagc aaaccctcct cgccaccctc      180
gcggcgagtc tcgctgctct tccttttggc caggcgggct tctattcgaa gagctctccc      240
gtgctgcaag tagacgcaa gtcgtacgac cgcctcatca caaagtcgaa tcatacctct      300
attgtcgaat tctacgccc ctggtgcggc cactgccaaa acctcaagcc cgcttacgaa      360
aaggccgccc gcaccctcga cggcctggcc aaggtcgccc ccgtcgactg cgacgacgac      420
gccaacaagg ccctntgcgg ttctcggcgg tcaagggctt cccaccctn aaagatcgtc      480
cgccccggca agaagcccgg ccgcccgtcg tcgangacta ccanggcagc gcaccgcggg      540
cgccattgcc gacgcgctcg tcgccaagat caacaaccac gtcgtcaaag ctgacggaca      600
aggacattga tgcccttntg gaaaaaggac ggngacaagc cnaangccat nttgttcacg      660
gnaaagggaa ctacnagtgc ccttntgagg accttgnat tgatttttnc gacgcccng      720
accattggnc aaggtncgna aaaagggaaa gggtgcccgt caaanggttc cggattnttt      780
tggttccttc ntttnggcct aatccccgga ggggggaang gaaccggtg ttttacagcg      840
gggancttaa naagaaagga natnggtcga gtttcttaan cangg                        885

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<210> 7484

<211> 873

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(873)

<223> n = A,T,C or G

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<400> 7484
ctcctcagcc aaactcttgg aacaacgagg tacgtatggc ctttgggtcac cgctgacggc      60
gataccgaca tggcaggatg acgcctttta ttgtggccgg ggacagcaat cgtcgacgcc      120
ggcccggatg atgagcgaac aatgtcgatg ggatcagaac gcgccgtgat gctgctgcat      180
cgcgctgctg ctgttccttg cgagcacacg tccttcttcg atggccggcg tttggcgata      240
cgctgctttt cctctttccc cttcggcaat gagcgggctg aaccctcgtc gacggatcgc      300
tgagggcact ctccatgctc atgggccact ccgagtctaa cgctcgcttg gtggcagata      360
cctcatttcc aaaccgact tgagaatctc ctctcgacac caaataccgc caaaatggtc      420
cgcaattccg ttctccacga cgccctcaac tccatcaaca atgccgagaa ggccggcaag      480
cgtcaggtcc tgatccgacc tagctccaag gtcattgtca agttcctgca ggtcatgcag      540
cgccacggct acattggcga gttcgaggag gtcgacgacc accgntctgg caagattgtc      600
gtccanctta acggccgtct naacaagact ggtgtcatct tccccgcta caacgtccgc      660
ctggccgata ttcnanaagt gggtcgtnag ctgctgctgc ccgcaagtnc ggctatgtca      720
tntnaccac ctntgntggt atnatggacc acgaggaggc ccgacnaaag cacgttgccg      780
gcaagaacat tggctttttt ttattanaac aaacaaaaac caaaatttgg gngnagagag      840
gaatcnttaa caaaaagac gggtnnggca aaa                        873

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<210> 7485

<211> 852

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(852)

<223> n = A,T,C or G

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<400> 7485
tcagatcaat catggctgcc gaaagcgaaa agcaaacatt tttcgagccc attggcgcaa      60
aggcgcaggg cctctcagct gccacaaatg gcaccgttga cgaggacgac gtcaagcccg      120
tggaagagat cgaatccctc tgcataaact gccacaagaa tggcatcaca agacttctcc      180
ttaccagat cccttacttc cgcgaggctg tcatcatgtc cttctcctgc gaccactgca      240
acttcagaa caacgagatc cagccggccg gaaccattca gcccaagggc acgcactacg      300

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agctgcgact	gaccgacctc	gccgacttct	ctcgccaggt	cgtcaagtcc	gacacccgcc	360
accgtcaagt	ttatcgagat	cgacctcgag	attcccgcag	gccgcggcca	gctgacaaat	420
gtcgagggcc	tgcttaccgg	cgtcgttgac	gatttgagg	tgggacagga	ggagcgaaaa	480
gagaaaagccc	ccgaggtcta	cgagaagggtg	gcagaaatca	tcaagaagt	cagggccatg	540
ctggcaggag	agtcattccc	cttcgcgcgc	tacgttcgac	gatcccgccg	gcaactcttt	600
atcgcacccg	acctcaagga	cggtgttggc	aagtgggaga	agcacgagta	tgcgcgaacg	660
cccgcagaaa	cgccgccttc	ggcttgcaaa	cagcgatggc	atgcanagga	cnggctgaaa	720
accccggtt	accgaggacg	gngagatttt	ccaaacgaag	tntacagttt	ccccnccatt	780
gccccgggtg	gntgcccaaa	tgccccganac	acatgaaaaa	gggtggaatt	ccccctttaa	840
agcagggggg	gg					852

<210> 7486

<211> 542

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(542)

<223> n = A,T,C or G

<400> 7486

tcctctcttg	tcgttgccct	ggttggtatc	gccagctcat	gggccctttg	gaggaatcca	60
tcaacgcaaa	cataactgaa	cgcggaacca	acacacgagg	ttgctgggag	gacacaatgc	120
tgtccgacgt	gcggccataa	actacaacca	agactacacc	accggcggag	atgttgttta	180
cacgcactcg	aacaccggct	ttgcagtcaa	ctggtcttat	cccaatgact	ttgtcgtggg	240
cgtgggctgg	aaccctgggtg	gatctgctcc	catcaatttc	agcggcaact	ttggcgctcg	300
cagtggcgctc	ggcctgctct	ctgtctacgg	ctggagcact	aacccccctg	tcgagtacta	360
tgctcgtggaa	aacaactttg	gctttttcct	ctggcggcac	ggtgaagggc	aagcgtcacc	420
aagcgacgga	tcgagctaca	cgaactggga	gaacaccccg	cgtgaaccaa	cctttccatc	480
gtcggcacng	ngacgttcaa	ctaatacatt	tcgatnccga	acttcaagan	atcgaatggc	540
ac						542

<210> 7487

<211> 526

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 7487

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aagctgcccc	aggccaagat	tggcttcttc	ttgcacgttg	ccttcccctc	gtccgaagtc	120
ttccgtgct	tggctgtccg	gaaggagctc	ctcgagggca	tgctgggcgc	caatctcatt	180
ggcttcaga	tccaggagta	cacgaggcac	ttcttgctca	cctgcagccc	gcatoctcac	240
cgtcgaggcc	acgccggagg	gcattccagct	agaggaccgg	ttcgtcgatg	tgggtgcacaa	300
cgccattggc	attgaccccg	tcagcctcaa	caagcaccgc	gaggaaaacg	aggtcaagaa	360
gtggttggcc	gtcatgcang	aacgctacca	gggcaagaag	ctcatttggt	gcgcgagaca	420
aagctcgacc	acgtgcgagg	cgtccggcan	aagttggttg	cataccagct	gttnctgaat	480
aagaatccgg	aatggcgcgga	gaacactgtg	ctgatcaagt	ggcgct		526

<210> 7488

<211> 726

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature  
 <222> (1)...(726)  
 <223> n = A,T,C or G

<400> 7488  
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 acccctactc cgacaatggc ggctctacgc tggccatctc cggcgccgac tttaccatca 180  
 tggcggggcga tacccgtcac accagcgggt acagcatcaa ctcccggatg gctcccaang 240  
 tcttcaagat cgggtggcacc actgccaccc aggaagatgc caccatcgtc ctgtctgtct 300  
 gtggatttgc cgcanacggc gaggccttgc gcgatcgtct ggacaccgtc tgcaagatct 360  
 accgtaccga cagcgcaagc ccatgtcgtc caacgcctgt gctaagcggc tgtctaccat 420  
 cctctaccag aagcgattct tcccatacta tacgcatgcc atgctcgggtg gtcttgacga 480  
 ggaagggcaa aggggtgcagt ctactcctac gacccggntg gaagctacna ncgagagcag 540  
 tgccganctg gcggtgctgc ngcagtttga tcatgccctt cttggacaac caggtcaact 600  
 tcaagaccaa tacatcccgg cagcggagag ggccacgaac tgaacganana ggagcgtcnn 660  
 cctttgacaa ggcaaaaggc gagnttttgt aangatgctt tgacnngggtt ggggagcgta 720  
 cattga 726

<210> 7489  
 <211> 585  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(585)  
 <223> n = A,T,C or G

<400> 7489  
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 cctcgggcct cgccgagctc ctgaacgctg agattggcgc caagaagggc tttggcggtc 120  
 agtacactgt tgactgctcc aagcgtgatt ccctcccga catcaccttc agcctggccg 180  
 gctccaagta cagccttccc gccagcgact acatcattga gatgtctggc aactgcattt 240  
 cgtccttcca ggccatggac ttcccagacc cgtggggccc ctgggtcattc tgggtgatgc 300  
 tttcttgcgc cgctactact ccgtctacga ccttggcagg gacgcggtt gtcttgccaa 360  
 ggccaaataa aagcangtag acctttgcga agtggtgtgt tatctaagaa gtgcacatnc 420  
 tgtatgtttg cagaatgctg ggtaagtttt ggntatttgg gcagtttgag agcgggaagac 480  
 agtcctactg ntgcgganga gtctggatca agaattgcaac gtcgnttatg taataactat 540  
 aatggagact ggccgtcgtc tgctgncgnt atttggttcg gggtc 585

<210> 7490  
 <211> 833  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(833)  
 <223> n = A,T,C or G

<400> 7490  
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 tgctattgtc tctcgtttctc ctccatcctc actcttatcc tcaccctaga tctcgtctct 120  
 ccaccctccg ccatgagcat ccaaactgtc cagttcgagc ccttcaggga ccagaagccc 180  
 ggaactttctg gcctgngaaa gaaggtcacc gtcttcagaa gccgcactac agcagagcct 240  
 tcatcccagc atccttctgt ccacccctga gggcgctgag ggcgcttttc tcgtcattgg 300  
 tgggtgatggc cgcttcttga accccgaggt cattcaactg attgcaagat cagcgcgcgc 360  
 tacgngtca agaagctgct catcgccag aacggnatcc tgtccactcc cgcaccagcc 420  
 atgtcatccg ctgcgcaagg ccactggcgg catcctgnta ccgngagcca caaccccgcc 480

ggccccagaa	cgacttcggg	atnaagtaca	acctgtccaa	cggcggcccc	ccccgagtc	540
gtgaccaaca	agatctacga	gacgtccaag	agcttgacct	cgtacaagat	cgcctcgatc	600
cccgatatcg	acatcttcac	cattggcacc	aacacctatg	gtcctcngag	gtcgagatca	660
tcgatagcac	cgccgantt	cgctgccatg	ctcaaggaca	tntttcgact	tcgacaccat	720
caagaagttc	ttttcttcca	ccccgacttt	aagancctgt	ttgacggctg	nacgggggtac	780
ggggccntac	ggaaaggcan	tttcgaaaag	gacttggggt	tacggngcct	gca	833

<210> 7491  
 <211> 530  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(530)  
 <223> n = A,T,C or G

<400> 7491						
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cgtcaagcag	ggcgagggcg	acatccccgg	nctgaccgac	gtngtccagc	ccaagcgcct	120
cggccccaa	cgagccacca	agatccgcaa	gttcttcaac	ctcaccaagg	atgacgatgt	180
ccgcaagtac	gtcatccgac	gagaggtcca	gccccagggc	gagggcaaga	agccttacac	240
caaggctccc	aagatccaga	gactggtcac	ccccccagcg	ctgcagcaca	agcgccaccg	300
tctcgtcttc	aagcgccgca	ggccgagaag	gtnaaggacg	aggccaacga	gtacgcccag	360
atcctggcca	agcgtgtcgn	cgaggccaag	gcnacangg	tcgatgnccg	caagcgacga	420
gcaagctcca	tgacacaaat	aanggggttt	tcgttcgggc	gttttntttt	tataatngaa	480
tngtaaaaaa	aaggggggga	ngggggaaaa	tcccattcnt	tnataccttt		530

<210> 7492  
 <211> 698  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 7492						
tgctcctcac	atactccctc	tctaggtatt	gcagcctcac	agctgtcaca	ctgtcacaat	60
ggcggcgcag	gtcatctcca	actctggcca	cgatgatatg	attcacgatg	ccgtcctcga	120
ctactatggc	cgaaagctgg	cgacatgctc	cagcgaccgg	acaatcaaga	tcttcgagat	180
tgaaggcgag	acacaaagct	tggtcgagac	tctgaagggt	cacgaaggcg	ctgtatgggtg	240
cgctcgctgg	cgcatcccaa	gtacggcaac	atcctggcat	cggtcggtta	cgacggaaaag	300
gtcttcatct	ggaaagaaca	gggcacccag	aacaagcagc	cagtggcagc	gaatctacga	360
cttccccctg	cacaaggcct	cggtcaacat	cgtctcgtgg	tccccccacg	aaggccggct	420
gcctctcgtc	gcgcgtntct	cgacggnaaa	cgtnagcgtc	tcgagttcaa	aggacaacag	480
ccgtcgccac	gtcacatttc	cccgccaccg	gctnngcgtc	acttccgctt	cttggggcgcc	540
ccgncaccac	gcccggggagc	aatnngtcag	caagcgcccc	ggnccccggc	ccacnggcaa	600
ccggcggttc	ntaccgcgng	gntttacaac	cttataanga	attnggcctt	ttgaccttgt	660
ttccaancgt	caacaagang	gcgaggnttt	gacggggcc			698

<210> 7493  
 <211> 581  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(581)

<223> n = A,T,C or G

<400> 7493

accagctcct	ggatcatgct	ccgtctcgcc	cagtacccgc	acgtcgtcga	ggatctctac	60
caggaacaga	tccgggtcct	gggcgcgat	ctgcctcccc	tccagtacga	acacctcgcc	120
aagctgcccc	tctgccaggc	catcgctcaag	gagacgtcgc	gtctcaacgc	ccccatccac	180
tccatcatgc	gcaagggtcaa	gcagccgatg	cccgccccgc	gaaccaaata	cgatcatcccc	240
acgtcccacg	tcctcctcgc	cgcgccccgc	gtcagcggtc	ccgaccccaa	ctacttcccc	300
aacccccgaga	tgtggggaccc	ctaccgctgg	ctgcccgggt	ctccaacgcc	ccggttgatg	360
gtcccgaaac	gacgaggagg	aggaaaaggt	cgactacggc	tacggcatcg	tcagcaaggg	420
gcgccgcctc	gccgtatctc	cctttggcgc	gggcgcgcac	cgatgcatcg	ggcgagcact	480
ttgccaacct	gcagctgcag	acaattgtct	gcgagtggtg	gcgactgttc	aagctgacaa	540
tgtggacggn	agcaacaaca	ttgtcggcac	cgactacggc	t		581

<210> 7494

<211> 577

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 7494

naggagctgg	ccagcaccct	nnagaacagc	agcctnttcg	aggaacaccc	cgagtaccgc	60
accgntctgg	ccgtctgctc	catccccgag	cgagtcctgc	agttccgcgt	cacctgggag	120
gacgacaagg	gccagctgcy	cgtcaaccgc	ggctaccgcy	tgcagttcaa	cttttgcgct	180
gggccccctac	aaggggcggtc	tccggttcca	tcccaccgtc	aacctgtcca	ttctnaagtt	240
tttggttgga	agcaaattctt	naagaatgcc	ttgactggcc	tnacatgggt	ggtgggnaggg	300
cggcgccgac	tttgacccaa	ggcaagtccg	acaacgagat	ccgggcttct	gcagctttat	360
gcgcactgtc	gcccatttgc	gccgacacgg	acgtgccccgc	cgcgacattg	gcgtntcggc	420
cggaaaatgg	atcatgttgg	cgcgtcccgc	aggcgaggaa	caagtttgag	ggcgtctgac	480
ggcaaggcct	tacttggggc	ggagtctgat	caactgangg	cactgntacg	gctngtntac	540
tacgtcgaac	acatgttcaa	gacgcgggcc	acgggttc			577

<210> 7495

<211> 600

<212> DNA

<213> Tricoderma reesei

<400> 7495

caacaacttg	gatatcgcca	tacaaacatc	tacagcattc	aacaacaacc	cgtcacaatg	60
gatcccttag	agagcatgtc	aactggcggt	cctctgcccc	aggactttta	cgccgaagat	120
gcgggcaaca	tggaggatat	ggagaagcag	tttgccgtca	aagtcgtgca	gcacatggcc	180
acctactggt	ccatcctcga	aaaggtcaag	ggctcgagcc	tgcgactgac	caagatcgac	240
gacgagatct	acgagcacct	caaggaggcc	tttcccagat	tcgaccgggc	ggccacgac	300
gacgaggacc	agatgaagag	caagacgggc	aaggagaggt	ggcgcgagtt	catgatgaag	360
tacgagaaga	aggtggacga	ctacaacttc	ggcaccatgg	tgcgcaacaa	cgccaaggcc	420
gagtacgagc	aggacacgac	catctttgtc	cctaggatgc	agttctatgc	gattgagatt	480
gctcgaaaca	agcacggcct	caacgactgg	atatacgaaa	aggcgagga	ggaaaaggcg	540
caggaggaga	agaaggactc	taaatagata	ccccgaaaat	ctagcaaaaa	tgggaaatcc	600

<210> 7496

<211> 632

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

[illegible]

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<210> 7497
<211> 822
<212> DNA
<213> Tricoderma reesei
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[illegible]

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<210> 7498
<211> 795
<212> DNA
<213> Tricoderma reesei
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<220>
<221> misc_feature
<222> (1)...(795)
<223> n = A,T,C or G
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<400> 7498						
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aacgaaagca	gccactccgc	gcgggacttc	accgccaaag	gagaacgggg	tgcttggtgg	120
gcggagcgac	aggctctcga	ctctcgactt	aagaagctct	tagtcacaat	cgagacgact	180
tggctgggag	ggttcaagg	catattctcg	cagcatcgca	gactggggga	cctgctggca	240
cgcttcacgc	gggatttcca	ccaaatgctg	gacaggactc	tgcttctcgc	aaacaagagc	300
cgagccaaga	agatgcagac	gaagacggat	acggtaaaact	tggatcccag	aattctcgac	360
ttgtttattg	gcctcggcaa	ccctaccgac	ccggacaccg	actttgacga	ggccatgaat	420

gacctgctct	actttgtggt	ggatatacctg	cagttttcac	ggcgaagcga	aatgcttacg	480
acgaaatcga	ttttgacagc	atgggtgcta	gagacgtacg	atgccctgcg	cgcataatcac	540
aatgctggcc	agctctccaa	nagagagagg	aagggcgcg	acaacggtgc	ttgttctcga	600
caaagctgct	gcatgctttt	cccctgggag	gtcgcttgcc	cttgcatggg	accggccttt	660
tcggtgtctt	cgggtgcctt	tncttcccat	ggtctttcgc	nagctaattg	anggaaggct	720
gggcattagg	tcccacaagc	cgcataaaca	ngggccactt	ttntgttngg	cnagggggtg	780
gcccataaccg	tcctt					795

<210> 7499  
 <211> 2283  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(2283)  
 <223> n = A,T,C or G

<400> 7499						
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ctgcgacgct	tcgcctgttc	ggccctattg	acaagggcca	tttcctcgat	agttactcgc	120
ccaaatcgcc	tggggaagga	tcacacgcgg	caagggaaag	aggacacgag	atagacataa	180
aagcggtagc	acccctggc	catccagaat	gcaacctcgc	cattcnnatc	ngctcttctc	240
tcctcaccct	atcacaaact	gccagttccc	ttgactctcc	ttcacctcag	aagaaagggg	300
gcgttttgtg	cagcaattgc	tttccctcaa	cgctgcctcc	ccgactgaag	cgctgtctct	360
ggcccagagg	ctagagatta	cccgtaacaa	tgggcgagaa	agaagacatt	cacgctcacg	420
aggagctcga	ccatggagag	atcaggacca	aggctcgtgac	cggacacgag	gcctttgagg	480
aggccatgat	gaaggagccg	cccaaggcct	ggaccaaggc	tcaggctctc	gtctacagct	540
tctccatcat	tgctttcttc	tgcagcacca	tgaacggcta	cgacggctcg	ctcatcaaca	600
acctgctgca	gaacccttgg	ttcaaggcca	agtacactgt	gggaaacgac	ggcatctggg	660
ccggcattgt	gtcttccatg	taccagattg	gtggtgtcgt	cgcccttccc	tttgtcggcc	720
ctgccattga	cggctttggc	cgccgaatcg	gcatgctgtt	gggtgccatc	ctcattgtcg	780
tcggcaccat	catccagggt	ctgtcaaact	cgcaggggcca	gttcatgggc	ggccgctttc	840
tgcttgatt	cggcgtcttc	attgcagcgg	cagcggggccc	catgtacgtg	gttgagatta	900
agcaccttgc	ataccgtgga	cgcggtggcg	ccatgtacaa	cactctcttg	ttctcgggtg	960
ccatcatctc	ggccggtggc	gctcgaggcg	gcctcaacgt	cggaggcgac	tactcgtggc	1020
gactcatcac	ctggctccag	gccctcttct	ccggcctcat	catcatcttc	tgcatgttcc	1080
tgcccagatc	cccccgctgg	ctctacgtgc	accacaagaa	ggacgcgcgc	aaggctgtgc	1140
tcaccaagta	tcattggcaac	ggaaaccccc	actccgtctg	ggccagctc	cagctcttcg	1200
agtatgagca	gtcctcctcaac	atggacggcg	ccgataagcg	ctgggtgggat	taccggggcg	1260
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cctggggccat	tctggggcgcc	ttcctgttgc	accgcgttgg	tcgtcgcccc	ttgtctctct	1500
tctcctttgc	tgcttgcacc	gtggtctggc	tgggcatgac	ggttgcctca	tccgaatttg	1560
cgcagtcgtt	catcggaat	gacgccaaac	gcgatcccat	ctacagcaac	cccagcgtt	1620
ccaaggctgc	ctggccatga	tcttcatctt	tgggtgcgct	tactctgttg	gcatcactcc	1680
tctgcaggcc	ctgtatcccg	tcgaggtgct	cttctttgag	atgcgcgcca	agggcatggc	1740
cttttccagc	tttgccacca	acgctgctgg	actcctgaac	cagtttgcat	ggcccgtgtc	1800
catggacaag	attggctgga	agacgtacat	tatctttacc	atctgggatc	tcgtccagac	1860
ggttgcctgc	tactttttca	ttcccagagc	caagggacgc	actttggaag	agcttgacga	1920
aatcttcgag	gccaaagaacc	cggtaagac	gtcgacgacg	aagaaggccg	tggccgtgga	1980
cagccacggg	gacattgtca	atatacgagaa	ggcttaaatgc	cacggacttt	tacttgccgc	2040
acgatactat	accactatat	caagaatatc	tgggcagttg	tgcgcanggc	ttggggctgt	2100
gagctgatgt	tttgtttcga	tgggttcttg	tcagggcaga	ggaaacaact	ttggttgcta	2160
ttttaagctg	gtacttttgt	ttccgctgat	aattgngaaa	tatgaggggtg	aggggagaaac	2220
caaaaagaga	agccctaagg	atgcagcatg	aatctgcaac	tggcccccca	gaaaaacaat	2280
tca						2283

<210> 7500

<211> 713  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(713)  
 <223> n = A,T,C or G

<400> 7500  
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 acctggccgg gtggaacatg aacaccaaca actggctgcg caactacatt tacctgcgcg 120  
 tgacgccccg cggcaagaag cccggcttcc ggcgcagcat gacgacctt gtcacgagcg 180  
 ccttttggca cggtttctac ccgggctact acctcagctt tatgctggcc agtctgattc 240  
 agacgtcagc caagaacttc cgccggcacg tccgcccctt tttcctcgat cccatcacgg 300  
 gcaacccac gcccagaaga aagtactacg acttcgccac gtacctcgtc acccagctta 360  
 ccttttcctt cagcagcgtg cccttctca tcctcagctt caaggagtcg gtccgcgcct 420  
 ggtccacgt ctacttttac gcctttatct ggaccacggc gtcgctcgcc ttctttgcgt 480  
 cccccggcaa ggcgctgctc aggaagaagc tcgagagccg cagggcaagg ccagcgcgcg 540  
 gttaagcgga cgacgagcag cgagagcctn tcgggcaggg agccattct gggcatnttc 600  
 aaggatccag aagggggaca ttgncgangc tgtcaatgag tttanggcgg gagttgcgtc 660  
 gatgcanaaa aagaggacct ttgaaaaggg aagggggggg gggggggggg ggg 713

<210> 7501  
 <211> 799  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(799)  
 <223> n = A,T,C or G

<400> 7501  
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 tcgccgtcct catcgtcagc cgctgacgac cccgcgaaa acacggccga cgaggaagat 120  
 tccgaagact actgcaaggg cggctaccac cccgtccaga ttggcgaaaa gttcaaggac 180  
 ggcaagtaca ccgttgtgcg caagctgggc tggggccact tctcgaccgt ctggctgtcg 240  
 cgggacaaca ccaacggcaa acacgtcgcg ctcaagggtg tgcgatccgc caccactac 300  
 accgagacgg tcgtcgacga gatcaagctg tcaataagat tgtgcaggcc aaccccaacc 360  
 accccggccg caagcacgtt ngtcagcctg ctcgactcgt ttgagcaca gggcccaac 420  
 ggaccacat gtgcatggc tttgaggtgc tgggcgagaa ttntgctggg cctcatcaaa 480  
 gagatggaac acccgcgga ttcccattgc cnttggtna agcaaatncc aagcaaggtc 540  
 ctgntcgggc ttgactacct tgcaccnga gtgcgggatt attcacaccc gacctnaagc 600  
 ccnaanaacg ttcttgattg aattggnac gtgacaagat tgtcaagaag gtcttaaac 660  
 cgnaaccccc acaaggaaac aatccaaccg gccgccgana ctaggacctt aatacttgca 720  
 gccagccgtt gccttttctt ttaaggccan ttnacccan aaccttttcc tttnatactt 780  
 ttangggaan tttcggggg 799

<210> 7502  
 <211> 529  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(529)  
 <223> n = A,T,C or G

<400> 7502



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acactagcct	natccccaac	gccgccactg	gcgagtccaa	ggtcttttac	cacaagatga	180
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gcactgccgc	tcacgaggcc	tacaaagaac	gctaccgacg	ttgcccagac	cgagctgact	300
tccactaccc	catccgctgg	gtcttgccct	naactttttc	gngttctaca	cgagatnctc	360
aattccccga	ccgngcttgg	caccttgcca	agcaggcctt	tgatgatgcc	atcgccgaac	420
ttcgantttc	ctttnttgan	ggagtcctta	ccggggacag	gactttttat	tattgcangt	480
ttctggcgtg	anaaccttga	nccctgnngg	aattttat	cccacaagc		529

<210> 7503

<211> 379

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(379)

<223> n = A,T,C or G

<400> 7503

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cgctgcacatc	tccaaggacc	tcaaggccat	gggcaagctc	aagcgtgaag	ccgaaaaggc	120
cangcgtacc	ctctcttccc	agatnancac	tcgtatcgaa	atcgacggcc	tttttcgagg	180
gcaacacttn	ttccgagatt	ttaccggggc	caagttcgag	gagctcaaca	tggacctttt	240
taaaaaaacc	ctgaaccctg	tcgaacaang	ttttnaagga	cgccaacgta	aanaagagcg	300
aangttgacn	acatcgttnt	ggtcggcggt	tcnccccgtt	cccccaangg	ttcantctnt	360
tatcgangag	tcctttacc					379

<210> 7504

<211> 708

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 7504

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aagcagatca	accggttctt	ctttggattt	tccaactctt	acaacctaac	gactttttta	180
cgctctcttt	attttttacc	taatacccat	acttcaaaat	ggctgggtgg	gacgctaaga	240
agggtgccaa	cctcttcaag	acccgttgtg	cccagtgcc	caccgtcgag	gccaacggcg	300
gccacaagat	cggccctgcc	ctgcacggcc	tcttcggccg	caagaccggc	tccgccgagg	360
gctactccta	caccgcacgc	caacaagcag	gccnggcac	acctgggagg	agaagaccct	420
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gcctgaagaa	ggagaaggac	cgcaacgacc	tgatggctac	ctcaaggacc	ctaccaaata	540
aaccaagaag	gaaaacgaag	agtatgaaga	aaagtaatga	caagacattt	cgatagacgg	600
ggtgcggcga	ttgtactata	gacacagaca	cagcttagaa	tagtcgaagc	accatcactg	660
tgcttgtcca	ttaataccca	acttcgcgtt	ttttttgggc	gaaaaaaa		708

<210> 7505

<211> 883

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(883)  
 <223> n = A,T,C or G

<400> 7505  
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 gcgccagtcg cgctgttca gctctactcc caggcagtggt gctgccgacg tcaagagtct 120  
 cgggtgtcctc ggcgccggcc agatgggcct gggaattgct cttggttgctg cgcaaaaggc 180  
 acagggtccca gtgactcttg tcgatgcctc cgagcaggcg ctgagtaaag gcattgcgtt 240  
 tgccgagaag ctgctggcca aggatgtgtc caagtccaag attactcagg aacaggccga 300  
 ccaggctcgc tcgctgtctca agccgagcac caagattgag gacttctcct ctgtcgactt 360  
 catcatcgag gctgtgccc agattcccca gctcaagttt gacatcttca gcaagctggc 420  
 caagattgcc ccctctcacg caatcctggc aaccaacacg tcttcaatct ccattacacg 480  
 cattgctgcg gccactacta ccgatcctaa cgacacctcg gcttcatctc gagtgggtctc 540  
 actcacttca tgaaccnngt ccccgctccag aaggcggttg agattatcag cggactgcaa 600  
 accancaagg agactctcga cacggccggt gaggctctgca agaagatggg caagatcacg 660  
 tncgtntcgg gcgactnttc cgggttcctc gccaacagaa tcttatgcc tacatnaacg 720  
 anggcattnat ttgcctggan acgggcgttg gcgacagaaa cttcatcgat gccattatga 780  
 aaaaanggna ccaactnccc atggggacca ctgnaacttg gaaactttat tcggccttga 840  
 nactgcttgg gtattaatga anggttttct tacggagacg ggg 883

<210> 7506  
 <211> 402  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(402)  
 <223> n = A,T,C or G

<400> 7506  
 ntancggcca ntgcacgag gcgtcactgt tcccgettac ttcaacgatg cccagcgcca 60  
 gagcaccaag gacgccggtc agatcgctgg tctcaacggt ctccgtgtcg tcaacgagcc 120  
 cactgctgcc gctcttgctt atggtttgga gaaggagggt gaccgctgg tcgctgtcta 180  
 cgatcttggt ggtggtactt tcgatattctc tatcctggag atccagaacg gtgtcttga 240  
 ggtcanagtn taccaacggt gacacccacc ttggtggtna ggatttcgac atccacctgg 300  
 ttncgccacc atggttttcc nnagtccaag aagacttccg gcattggacc ttnttttggg 360  
 cgaccngcat ngttatccaa ncggtnttcn ggttganggc tt 402

<210> 7507  
 <211> 669  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

<400> 7507  
 ctgcbagttc cccgttctga agatcttctg attcgggtgac ggatcagaag acatcaacgg 60  
 ccccgtgga gacgttctct atgcatccta cctctccatg gcccgcgccg gccttgctc 120  
 tttggagatg tgggatccca agagccagaa atggggacag gcacacagcc aggtctgctt 180  
 ctccattctc aaatctttcc tcgaggccgg cgacgacttc tgcaagctgg actacaccaa 240  
 ggatgacctt tctgatttga ctattaagct ggacagggtc aagattctca cagctggccg 300  
 cgacgtgtt gcaagtacct tcagaagctt cacgtttaca agtcaactgc cgacgtcgag 360  
 actggcacca agttttacac cgacatgagc accgttggct tggacttttg ggtcaaaggt 420  
 ccgccaagtg gttcttgata acaagcagcc acgcaaagtc tttgtccagg ccaacactac 480  
 cctggatgaa gcacggactc tgtgtcgatc aagcactacg atgctacgct tntgggaatg 540  
 attcanagtt gggccgacag gaacctgtaa aacagtgaag ttactacaag catatccgaa 600

atgagcgacg tgccatgaca ttgatcaaat catnttcaga atatacaaga tcccttttcc 660  
aagaggaga 669

<210> 7508  
<211> 944  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(944)  
<223> n = A,T,C or G

<400> 7508  
ctgtcgtatt tgctggccga ttcgatggca gggacgtcgc cgtcaagaga atgacgattc 60  
agttctacga cattgccacg ccgagaaact aagttgctgc gcgagagtga cgaccacccc 120  
aatgtcattc ggtattactc acaagtgcag cgaggcgact tcctgtatat tgccttggaa 180  
cgctgcgctg cttcattggc agatgtcatt gaaaagcgt atgcctttgg tgaattggcc 240  
aaggctggac aaaaggacct accgggcgtc ttgtaccaa tcaccaacgg catcagccac 300  
ttgactctc tgcggattgt tcatcgagac ttgaagcctc aaaacatctt ggtcaacttg 360  
gacaaggacg gnagaccaag gctcttggtg tccgactttg gcctgtgtna gaaactggag 420  
gatagacagt cttcgttcgg agcaacgaca ggcccagccg cttggaacgt cgggatggcg 480  
tgccccccga actgcttntc gatgacgacc ggacaagaat cccgganccc atcgatagca 540  
gtaccgccac aagcnggctt ttcacaccca ttccttcgtg ggggaaaacc cccaaacttc 600  
gctttttccc aaatgggag gggcgaaagg caccnanggg cccattngac cattntttct 660  
tcccctttgg gnccttggn tttctttctt accgnggctt cnccaaatgg gatccccacc 720  
cgtttngact tggggggcgac aagaattttt gccgggaagg nggaacaatt tgaaaanggg 780  
gaaacncccc accctccnat ccaattngga ccctttntgg gcnaattttt gccttacnaa 840  
angcccaagg atctggattg ngttccttgc ttccaaggcc tttttcccaa ggggaannaa 900  
cccgantttc ngaaaaaggg ccntggcccc cntttttttt tttt 944

<210> 7509  
<211> 896  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(896)  
<223> n = A,T,C or G

<400> 7509  
tcatccccct cncatcggtt ccgncnctcg ttagagcaga ttaagcataa agaagcctnc 60  
ggagactnta cactcctctg ccatgccctg cnataactct tcaagtccat cgcctactan 120  
atctcntcgc gcgaccctcg tnaacctgac gggcctcgcc ggctccgcca acgtcaccgg 180  
cgacgaccag aagaagctcg acgtcatctc caacgacctc ttcatcgagg ccatgcgctc 240  
ctgcggcaaa gtgcgcatgc tcgtgtccga agaggaggag aaggagattc acttcccgca 300  
ggcctcgggc gcgcgctaca ttgtctcgtg cgaccccatc gacggctcgt ccaacctcga 360  
cgcgggagtt tctgtcggca caatcttcgc catccacaag atccccgacg gcgtcgacgt 420  
cgcccgaag gagcacatnc tcaaggccgg caccgagctc gtcgccgccg gcttcacaat 480  
gtacggcgcc tccgccagct cgtcatgacc atcaagggca agcaccgtca acggcttcac 540  
cctcgacaac ggcacgcggc agttcatcct cncacccga catgcgcatn ccccgttccg 600  
ccacatctac ttctgtcaacg agggggcaact cgtcttatgg ggaggaccac accatccggn 660  
tacttcaact ncctcaagca ggcccaggac gaccggnaag cccttacagc gccccgttac 720  
attggcagca tnggtcgccg atgccttacc ggaccctggt tctacggang natTTTTTggc 780  
taaccggcga acaagaaaaa gccccaaagg gcaagcttcg tatctttacc aatgcccnnc 840  
ccattgggct tggggggttg naatgccggg ggccancccg ttgatancaa atngat 896

<210> 7510  
<211> 626

<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(626)  
<223> n = A,T,C or G

<400> 7510  
gcgattcgcc gtccgcaact ctggcgctac ggccggtgtc gaggggtgtcg gtgaccacgg 60  
ttgcgagtac atgactggtg gacgagttgt catcctcggc agcactggcc gcaactttgc 120  
tgccgggtatg tctggcggtta ttgcgtacgt gctggacatc aacaaggact tcgtctccaa 180  
gctcaacacc gagatgggtcg agtacgggcc ccttacggat cccgttgaga ttgcctacgt 240  
tcgcggtctc attgaggacc accaccacta cacgggctct gagcgcgcgg cacgcatcct 300  
ggtcgacttc aaccgcgccc tgccctcgatt cgtcaaggtc cttcccacgg actacaagcg 360  
tgtgcttgag gaggaggctg ccaaggctgc gaggccaagc cgtgcccag tacaacctgc 420  
ctgccatttc cggggtgcac cactccaaga aggaggacaa ngcttgccaa gctccaggat 480  
atggaggagg ccattggcga caagctcggc cgagaagaag aagagggctn tgggtgctcga 540  
caagaccaan ggcttnatga agtaccctcg ccgtaccgaa aagtaccgct ttgtcgccac 600  
tcgaatcaag ggactggggc gaaatt 626

<210> 7511  
<211> 1103  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(1103)  
<223> n = A,T,C or G

<400> 7511  
gcggccttgg cctcgatttg caaaagccag gaacccttgt tgttgcttct ttgaactctt 60  
ggtggccaga tgctcagctg ttccggctga ccgactctgg gacaacatgg agcccgatct 120  
ggcggtgggc gagctatccg actgagacct attactacag catctcaact cccaaagcac 180  
cgtggatcaa gaacaacttt atcgatgtga cgagcgagtc accgtccgat ggtctnatca 240  
agcgctcgg ctggatgatt gagtctntcg agattgacct acccgacagc aannactggc 300  
ttttacggca ccggaatgac aatntttggc ggccacgatt tcaccaactg ggacacgcgc 360  
ccacaatgtg gtcaatccaa ttacttggca gacgggattc gaaggaattt ttccgttcaa 420  
ggacctggcc ttttcacccg gggggaagcg agcttttggc cgcaagtccg gagacganca 480  
acgggtttac cttttgcccga gcagaaacga ccttgggaca ttgccgcaga cggtttgggc 540  
aactcccaca tggggcacct cgacgaagcg tcgactacgc cgggaactcg gtcaagagcc 600  
gttcgtccgc gtcggcaaca ccggccggca cgcaacaagg tggccatttt ttccgaacg 660  
gcgggcgcgc acgtnggaag caattcgaac taacgctggn tccgaacacc gtttccattg 720  
aaacggcggc gcggtggcct attcggccga cggcgacacg atcctctggt cgaccgcctc 780  
gtccggcggtg cagcgctcgc agttccaggg cagctttgcc tccgtctcga gcctgccgcg 840  
ggcgccgctc atcgnctcgg acaagaagac caacagcgtn ttctacgccg gctccggatc 900  
gaccttttac gtcagcaagg acaccggcag caagctttna cgcgccgggc cncaagctgg 960  
gcaancgnaa gggacgaatc cgggaataat cgnttgtna cccgaaccac ccgggggggca 1020  
cgtttgattt gttttcgaac cgaccgttgg ggantatttc cggttccana anaactttgg 1080  
ggcacgnaac cntttggggc caa 1103

<210> 7512  
<211> 501  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(501)

<223> n = A,T,C or G

<400> 7512

ngacaacatc	cagggcatta	ccaagcctgc	tatccgacgt	ctcgcccgtc	gtgggtgggtg	60
caagcgtatc	tctgccatga	tctacgagga	gacccgcggt	gttctcaagt	ccttcctcga	120
gggcgtcatc	cgcgacgccg	tcacctacac	cgagcacgcc	aagcgcaaga	ccgtcacctc	180
gctcgacgtt	gtctacgcc	ttaagcgaca	gggcgcgacc	ctctacggtt	tcgggtgggta	240
aagtaccccc	gaacaaacag	acaaaacaaa	acgcgtcttg	gggtttcctt	ttatatgctg	300
ctgctgcggc	gcgcgtcttc	accaaggggg	cgatttgtgg	agctgggggt	atctgtgcaa	360
ataacatgga	ctcttctgta	ctttcgatcg	attggccgtt	ggggggaaat	gggtttatga	420
angangcgtc	atggtagacg	acccttggtt	catgacaata	tcacacgaat	acaactacga	480
taatctttcc	naaaaaaaaa	a				501

<210> 7513

<211> 692

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 7513

tnaagcgcg	cangcaatgg	gcgcctcatc	cgccttcat	tccccgtcgt	tccatcgcg	60
ctgcagcagc	tggctgaatt	gcggcgccac	agcaaagaca	atgagaacct	cgacgagtac	120
gacctcatcg	tcacggcg	gggcgcgacg	ggcgctggaa	ttgcgcttga	cgccgtgact	180
cgaggcctca	angtggccgt	tgtcgatcgc	gatgacttcg	cggcgggcac	cagcttcnaa	240
gagcaccaaa	ctggtccacg	gcgggcgtgc	cncatctctc	aaaaanggct	gtcatgnaac	300
ttggactact	cccagcttna	gctgggtnat	ngaaggcgct	tgancgaacc	gcaagacctt	360
tnnttgacgat	tccgcctcac	ctttccaact	cgcttccaat	tctgtggctt	ntcgacactg	420
gctgcaagct	ccatacatgt	gggatcggac	aaangcctac	gacctgntcg	ntggctcaca	480
ngncttttga	gggctcttat	tnnatgagca	aaagcaangg	tattgcaa	ttcccttntg	540
ttgccanga	caacttggtc	ngngccctgg	tctactacga	tngccagcac	aacnattccc	600
gaatgaaacg	tttntttccc	atgactgccc	aactgtacng	ggctcccgtt	ttaacctatgt	660
tgangtacgg	cttggatnaa	aacncaaccg	gc			692

<210> 7514

<211> 255

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 7514

ccctcgacca	agatcctcac	cttctaccgc	aaacagccgt	ttgacctcga	ggcccgttac	60
gcaaacgttg	aagagcttcc	tggcaaaacg	aacccttgga	ttggccgctt	ctccgtgaag	120
ggcgtcaaag	ccnacggcaa	ggaagacttc	atgatttgca	agctcaaggc	ccgagtcaac	180
atccacggng	tgttgaaacg	tggagaacgg	atactatgtc	naggaccagg	aggtnagga	240
ggaggtcaag	gacga					255

<210> 7515

<211> 518

<212> DNA

<213> Tricoderma reesei

<220>

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<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 7515
nttccnttgc actatncagn acacaangac atnatggccn ctacaaagag ctccaatgac      60
aagtactcgg tcatnctgcc gacgtacaac gagcgcaaga acctcccat tgtggcctgg      120
ctgctgaacc gcactttcac agagcaccaa ctcgattggg aactcatcat cgtcgacgac      180
ggttcgcccg acggacccaa acgtcgccaa ccagntcgtc aaggcctacg cccccacgtc      240
gtcctcaaga ttcgttcggy aaagntgggc ttnggaccgc ttacgtccac cggcttgnag      300
ttcgtagcgg aacttcgtca tatatggacg ccgacttaac caccacccaa gttatnccg      360
naatgattgc cngcanaaaa gggcactacc aaatngtaac cgggacgcgt tacgcgggca      420
acggnggggt ttttcggttg ggacttgaag cgcaagtctg tnagccngg gccaaacttg      480
tcgccgacac cgtcttcgac ccggggtaag gacttgac      518

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<210> 7516
<211> 571
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(571)
<223> n = A,T,C or G

<400> 7516
nccacgcaac agcaacaaca ccagcgctgc cgccgctcgt cgactacgct ctgcatccac      60
gatecgttat tgcctacat tcccactcc cctcctcccg ccgccgacgt ccgtcttctc      120
cctcctctga acgccttatt ctctcaaaat ggccgacgct ccgtacgatc cctacgttcc      180
caaggccggc gccgaccagt ccggcggcca gtcgcgcacg caggcgcttc aagggtgaaat      240
cgacgcaacg gtccaagtga tgcgaaagaa cattgaaaac gtggctcagc gtggtgaccg      300
cctggacgtc ctgcaagaca agaccgataa cctggcggaa tccgcacagg gcttccgccg      360
gggcgcaaac cgagtgcgaa agcagatgtg gtggaaggac atgaagatgc gcgtctgcat      420
cgttggttga atcatcctcc tcttggttgt cattatcggt ccatcagtcg ttgncaccg      480
ttaattactt acaacttttc ttggttggtt gccatgattt acgaggtcct ttgacgagta      540
ccanaccaag ttggtttngg acggcaacgg c      571

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<210> 7517
<211> 452
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

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<400> 7517
naagcagatt cctngtctnc tgggtcctgg tctgtccaag gncggcaagt tccccactnc      60
cgtctnccac gccgacgacc tctctggcaa gatcaacgag gtcaagtcca ccatcaagtt      120
ccagctgaag aagggtctct gcattgggtg cgcgtcggca acggttggcat ggagcaggag      180
cagctgatcg gcaacatcat gcttgccatc aactacctcg tcttcctctg aagaanggct      240
ggcaagaacg ttggaaagcc ttaccatcaa ngcttccatg tctcccccta agcgctctta      300
ctaaacangt cgtggccttt ttttttttct aacctntntt ggtgnggggg nggtcaaaac      360
tttatctgac ttntttgagc tattgccgcy accgnttttg agaataacat nggntttcaa      420
taaanaata ccccgaaacca aanggaattt cc      452

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<210> 7518
<211> 678
<212> DNA

```

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(678)

<223> n = A,T,C or G

<400> 7518

cctgcgttttc	gccgtgacgt	gttcttcaag	gccgccgact	tgatccagca	gaagagcggc	60
gagctggccg	acatcatggc	gaacgagacg	ggggccaccc	ttccctgggc	tctcttcaac	120
ctcaagacgg	cgggcgagct	gattcgggac	gctgccagcc	gcattctctgc	cattgaaggg	180
tcgttcccat	ccctggcaga	tcacagcagc	agtggcatcg	tgctgcgaga	gccttatggc	240
gttgctcttg	ctatcgctcc	atggaacgct	ccctacatcc	taccaccccg	cgccattgtc	300
ggccctgctg	ccgccggcaa	caccgtcgct	ttgaaagcct	cagagcacgc	ccccgcgtgc	360
atgagggctc	tcgtgtccgt	cttccacgag	gcgggagtg	ccagcggcgt	catgaacatg	420
attgcccacg	accgcgactn	cgcagccgag	atcaccacgg	cgctcatcgn	caaccccacg	480
tcagaaaggt	caacttcacg	gcagcacccg	cgtcggggcg	ggtatcnnga	ngctcgcagg	540
cnacacttaa	gcccgtcatc	tggactcggc	ggaaggcgcc	ggcattgtgt	gggangacgc	600
ggactggacc	tggcggccac	aatgcgccat	cgggcgttct	tcacggnggc	anaatntgat	660
gtcgacgaaa	aaatattg					678

<210> 7519

<211> 287

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 7519

ntnccgcacg	agggcccccc	gacgtcctca	aggccctcgg	ccccgagtgg	atcgtgcccc	60
tcgtcgccgt	cctgggtccac	tcgaacaaca	ccaccgagaa	cggcagcatn	ttcgaggccg	120
gcgctggcca	catggccaag	ctgcgctggg	agcgggtccag	cggcctgctg	ntcaaggccg	180
acgactcgta	cacgcccggc	gccattctga	agcaagtggg	acaaggctcg	cgacttctcc	240
aacccccagt	accctcggg	ccccaacgac	ttcatgaccc	tgctgga		287

<210> 7520

<211> 613

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(613)

<223> n = A,T,C or G

<400> 7520

nccgantcgc	acgaggggac	gaggacgccg	gcacggggcg	cgacaacttc	aggggtcaagc	60
gctacatcag	caagtacacc	atcaaccggg	cgctggcgca	gggcttcgcg	cacctngtcg	120
gcagcgtcna	ggtcggcaag	ctggcgggac	tggtggtgtg	ggatccggcc	gtgggttcggc	180
accaagcctt	cactcgctcat	caagagcggc	ctcattgccc	tggtctcanat	gggcgatccc	240
aacgcctcca	tcnccaccgn	ccagcccata	atcgnccgcc	ccatgttcgn	ccnccctcgt	300
cccgcaagac	cagcgtcctc	ttcgtcttcg	ggccgcccgc	ccgtcagcct	cgggccgcnc	360
gtncaggtcc	taccggcctt	gngcaagcgc	gtagaggccc	gcaaagggct	gccgctccgt	420
caggaaagcg	cgacatgcgc	tttcaacgac	gccatgccna	ggatgaangt	cnaccgggag	480
agctaacttn	gtcgaaggcg	gacgggaaaag	gnngtgcgct	gnccgaacnc	cggngacgaa	540
ggtttgcccc	cttaccgcan	gccttggtat	tattgtaatt	ggattngcgt	tcagnaaacc	600
ggggaaaaaa	tgg					613

<210> 7521  
 <211> 807  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(807)  
 <223> n = A,T,C or G

<400> 7521  
 actctctagc tgaacaaatt atctgcgcaa acatgggttcg ccggactgct ctgctggccc 60  
 ttggggctct ctcaacgctc tatatggccc aaatctcaga cgacttcgag tcgggctggg 120  
 atcagactaa atggcccatt tcggcaccag actgtaacca gggcggcacc gtcagcctcg 180  
 acaccacagt agcccacagc ggcagcaact ccatgaaggt cgttggtggc cccaatggct 240  
 actgtggaca catcttcttc ggcactaccc aggtgccaac tggggatgta tatgtcagag 300  
 cttggattcg gcttcagact gctctcgga gcaaccacgt cacattcatc atcatgccag 360  
 acaccgntca gggaggggaag cacctccgaa ttggtggcca aagccaagtt ctcgactaca 420  
 accgcgagtc cgacgatgcc actcttcggg acctgtctcc caacggcatt gcctccaccg 480  
 tcaacttget accnggcgcc gttccagtcg ttcnagtacc acctggggcac ttgacggaac 540  
 catcgagacg tggctcaacg gcagntcat cccgggcatg acctggggcc ctggcgctcgn 600  
 acaatccaaa cgacgcttgg cttggacgaa gggccaagct tttatttccg gagatcaccg 660  
 gtgtcaactt ttggcttggg anggcctaca gcgganacgt aaacaaccg tctgggtcga 720  
 ngacatctcg attgngtcga ccngcgtgg gatgcggccc cggcagcccc ggcggtcctg 780  
 gaagctcgac gactgggcna ngcagca 807

<210> 7522  
 <211> 413  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(413)  
 <223> n = A,T,C or G

<400> 7522  
 acaaccagac gatcatcagc aaccacttcc gcaaggattg gcagagacgg gttcgcaccc 60  
 actttgacca gcccgccga aagtctcgga gacgcaactgc tcgtcaggcc aaggctgctg 120  
 ccctcgctcc tcgtcccgtc gacaagctgc gcccgcgtcg gegatgccct accattaggt 180  
 acaaccgccc ggtccgcgcc ggtcgtgggt tcacctcag cgagctcaag gaggccggta 240  
 tctccaagtc cctggctccc accatcgga tcgccgtcga cttccgccgc cagaacctga 300  
 gcgaggagaa gcctngccgc caacgtggcc cgctcaaggc ctacaaagga gcgcctcatc 360  
 ctctgcccgc aagtccaacg cccnaagaa ggggtgacacc angaccgacg tct 413

<210> 7523  
 <211> 588  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(588)  
 <223> n = A,T,C or G

<400> 7523  
 atccaggcct ggtacggcgg naacgagacg ggcaactcca ttgccgacgt cgtctttggc 60  
 gactacaacc cctcgggcaa gctgtccctc agcttcccca agcgctgca ggacaacccc 120  
 gcgtttctca acttccgcac cgaggccggg cgcacgctgt acggcgagga cgtctacgtc 180



gggtacaggt	actacgagtt	tgccgacaag	gacgtcaatt	tcccccttgg	ccacggcctg	240
tcctacacca	ctttttgcct	ttttccaatc	tcttcggggg	tcttaacaan	ggacggnaaa	300
gcttgaagcc	gtggttccct	nttccgngga	aagaaacaac	cnggcttcng	tgccccnggc	360
gcaacaaggt	ggggcccaag	cttnttacgt	taaagccncc	ttccnaagcc	gggccaagaa	420
atnaanccgg	ccccgttcaa	nggagcttna	aaggggcttt	tcgcaaaagg	gtcgaactgg	480
caagcccccg	ggggaaaaac	naaaggncgg	gngaacaatt	cganggagcc	anggaanaaa	540
gtnccggtcn	cttgnngtat	ttttggatgn	aaggaagccg	gggaatca		588

<210> 7524

<211> 768

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 7524

ctatctcctt	cgctctctcc	ctacttgaca	cattcttccct	tctcttgccg	ccctcttttt	60
ccggcttgcg	cagctctctt	cttcgccctc	cgcctgcgcc	gcctcgactc	tcaatttcca	120
gtttccaggc	agtcgcgcgt	ctaagccaca	gcgtcgttct	gtgtcgcaac	tcttgccaac	180
atgtcggacc	atgagtttgg	cgggaagcaac	gatgacctat	cgtcgccaaa	gctaccgttc	240
agaagattgt	cagcgaaata	ttgccaccgc	agacaggcgt	ctntttcgca	aggaggctcg	300
tgacctgtc	atagaatgct	gtgtcgagtt	catcaccctn	atcttgtccg	aggccaacga	360
gatcttnag	aagggaagcg	aaaagaccat	tgctgcgac	cacataccaa	ggcgctagaa	420
cgcctgggct	tttccgacta	cgtgcccgcc	gtgctggagg	cggcggccga	acacaaggaa	480
acgcaaaaagg	ggcgagagaa	aaaggcagac	aagtttgcca	acaagcgggc	tgtctatgga	540
ggagctcgct	cggctgcagg	aaagcaattc	gncgcggnca	gacagcgcca	cacatgatgg	600
aatttgcttt	tttctttttt	cttttcnctg	atattggggg	ggaagaaggc	gtcacacggt	660
gggcattact	aggcgtttta	tacacggttg	gtganggttg	gtaaggtaac	aggtcagact	720
tttttgattt	gggccttcat	tccccggagt	nggttnttaa	gttatatt		768

<210> 7525

<211> 729

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 7525

aaggcaattc	ctctgggctc	catcaaattc	attggtacct	ccacagcgca	ggatgactgg	60
ttctcactgg	gcctcggatc	tccgcaggaa	gcagaccctc	ttatgaactg	cgtgttcaag	120
acggaaatgt	ttaccagat	gcagcgtgcc	atgccgggag	gcttcaacct	caagatcggc	180
gagacgattg	aatacgcaaa	gaagccgggc	aagatgcagc	angtcaaggt	tctcaaggac	240
tctcagcagc	gggctgacta	ctacaagagc	ggcgcgatcc	acacgcagcc	aggagagcct	300
ccaaattcgg	tatcaaagcc	gatgcccaag	gccaaagccc	tgccgcccgc	gccatcacca	360
gaggcaagct	catcaagccc	ggtggtnccg	gaggcaggcc	gtccagaatc	accgccaccc	420
gcaacactca	gccgagatca	acgggcaccg	gtaccaggag	cgttctccgc	cgcgcgcgtt	480
cttggtggca	tagtatcgga	tcatcatcgg	cctcatcgaa	cgcgggccc	tcggcaagca	540
caagcacatt	gagctcgtcg	acgcatcaaa	tccccgttgt	cggaaatgcc	ataaccggtc	600
naacagccc	ccagaaacca	gtcaggcagc	gctngacgcc	gcttcttcgc	cgccttctct	660
gnccttctgn	tgtaaagcca	anatatggcc	aagngttata	tnattctccn	gccagaagga	720
aacgacttg						729

<210> 7526

<211> 471

<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(471)  
<223> n = A,T,C or G

<400> 7526  
gacggcaatc aggtgggctg ccaccacct cttgctgctg ccacaagcgg tgctgcagct 60  
acaattgcca gcgatgcttt catgaatcca ttcgacgtca tcaagcagcg catgcagatg 120  
caagagtctc gcaagatgta tcgctccatg gtcgactgcg ccaagtacgt ctaccgaaac 180  
gagggcatcg ggcgcttcta catcttctac cggaccacgc tgtccatgac cggtcccttn 240  
acggccctcc agttcctcgc ctacnaatcc atctccaccc gcatgaaccc gcaaaaagca 300  
tacgatcccg tcacgcactg tntcgcccg ancccggtgc cgggtggcttc ccgctggtct 360  
gaccacnccc atggacgtca tcaagacat cctacaaacg agaggcacgt tcttcgaccc 420  
ccaagtncga aacgtcagcn gcttnattgg aangctgcaa gctgctgtat a 471

<210> 7527  
<211> 776  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(776)  
<223> n = A,T,C or G

<400> 7527  
tcattgttnc tcgctcgaat ccagcgcagg gccttctctg cctctgcccg caacctctcc 60  
aaggttgctg tctcggcgc tgccgggtggc attggccagc ctctctctct cctgctcaag 120  
ctcaacaccc gtgtcaccag agcttgctct gtacgacatc cgtggcagga cccgggtgctg 180  
acgccgacat cttcacacgg tacaacacca agtccctcgt caagggctat gaggccactc 240  
ccagcggcct cgcacgcgc cctcaagggg ctctcgacat cagtcactga tcttcgcgcg 300  
gcagtacttc ccgcaagcnc cggcatgacc tcgtgacgac ctcttcgaaa accaacgcct 360  
ncnatcggtc cgaaaccttg accaaggctg gtgcccgnag tttccccccc aaggccaagc 420  
tgctcatcat cttcaacccc gtcaacttca cgtcccatct gcgccgaggt cttnaaggnc 480  
ccgcgggcgtc tacnacccaa gaagctnttt cgcgtncac cctcgacgtc gtccgcgcca 540  
gccgtttcgt ntctganatc aagggcaccg accccaagga cgagaacata accgtcgtcg 600  
ggggcaattc cggggttnaca ttgtccctt ttnagcaaaa caancacccc gagctttctt 660  
caacgccgag cttgtaaacc gcgtcanttt cgnnggggaca aggttttaag gcaaaggacg 720  
gggccgggtc cncaacctt tcattgggctt ttgcccggggc cnatnggcca attttt 776

<210> 7528  
<211> 645  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(645)  
<223> n = A,T,C or G

<400> 7528  
cttgccgagt gaatcattgt tccacggata cgcaaactgg ggactgcatc tcttacgtcg 60  
gatcaccttg ggcaacaggc gaaactactt caggccagat caaatcaaga tggcgtcaca 120  
attgctaccc ctcgaaactca tcgacaagtg tgtcggatct cggatatggg tcatcatgaa 180  
gggcgataag gagttcagcg gcaccctcct gggctttgac gactacgtca acatggtgct 240  
ggaggacgtg acggaattcg actacaccgg aaaccacaca aagcttccca agatcctgct 300  
caacggcaat aatatctgca tgttgattcc aggaggagaa gggccagtcg gtgccacggc 360

ttaaggatat	catcggttca	cgcatacttc	aagtgcattgc	cggatcacca	tggaagcgca	420
acatccctct	acggcatatg	ccatgcattg	tggcgcgcag	cgcgcattgct	gtgactggag	480
tactgcggtt	cggcgaagat	tgaacaagtt	ttatcttggt	ggggcatatc	cagttccgtg	540
actggtttgn	cttaattctc	attatggcat	actgnatggt	ttaagtagaa	taaaaacatn	600
taacgaaant	tattctccgc	ggctnaaacg	atgccgaaaa	ccatt		645

<210> 7529

<211> 346

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 7529

ntntngcgcc	ctntngacg	ccnagaagct	gtctatctgc	ggtgaggaga	gtttcggcac	60
cggcagcgac	cacatccgtg	agaaggatgg	tctgtgggccc	atcgctcnnct	ggctgaacat	120
catcgccgnc	ctgggtgtcc	agaaccttga	ggttaccctt	ttnatcaagc	agatccacaa	180
ggacttcttg	aancagtagc	gccgcncatt	cttatcagat	acngactacg	agaatgtnga	240
ctntgtnggt	gcnaacaagg	tcgttgggcn	agctttgang	cttttggtan	aaggacccca	300
aattttgtng	ggccaagcna	ccatttggtg	agccggcact	cgttat		346

<210> 7530

<211> 684

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 7530

gnngacatac	ggaacgacgc	caaagcccgc	ttctccgctc	ccagcggcct	ctggggccag	60
attgccaact	tcgccttcat	ccagctcgac	gtcatgccca	agctctgggc	ctggaccggc	120
gacctgctgc	tccggtacgc	gcccgcgcgc	ttcacgggcg	agatctcgca	ctccatcgtc	180
ttcgtcttcg	ccttcattgc	catccagcag	gggtcagccc	tgccgacccg	catctacagc	240
acctttgtcc	tcgaggagaa	gtttggcttc	aacaagcaga	cgcggggcct	cttcattctc	300
gacatgggtc	agaccaacct	gtcacggccc	gtcctcatgc	ccccgatcct	cgccgggttn	360
ctcaagatca	tccagaagac	gggtctcgag	tttgtcttct	acacctgggt	ctttactgcc	420
ggcatccagc	tcctgatgac	tacctcttac	cccaccttca	tccaaccttg	ttcaacaagc	480
tctccccctc	cgaggacggg	gagcttcaag	accaangtca	atgaattggc	gggccgcttc	540
aagttcccc	tgacgaact	gtatgtcatt	gatggttagc	agcgcagncn	tcacttcaac	600
gcctttttct	acnggcttcc	gtggaaagaa	gcacattggt	atnntacgat	accgcttttt	660
ggnaaagtgc	gagnccttga	gagg				684

<210> 7531

<211> 903

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(903)

<223> n = A,T,C or G

<400> 7531

cacaaaccaa	caatcacaac	tcacgcgcac	aaacgcttca	aaagcctcaa	caaccactca	60
------------	------------	------------	------------	------------	------------	----

aaccacacac	tctaccacac	aacaacaatc	aaaatgtctc	tccgcaactt	ctacgctccc	120
gagtcctect	tcactcccct	cttccgactc	ctggaggact	tcgacaacta	cacccgcgaa	180
aacagcgaca	cccagagctc	aacccgccgc	acaatcgccc	actggcagcc	caagtctcgac	240
gtccgggaaa	cggcgaggc	ctatgagctg	cacggcgagc	tccctggcgt	gaacaaggag	300
gacgtcacca	tcgagttcac	cgacgagcag	tccatccaga	tccgcggcaa	ggtcgagcgc	360
acctacacgg	ccggcactcc	tcctgccggc	gccatcacgg	aatccggcga	gaaagagaac	420
aaggagggtt	ccgacaacaa	gagccaggtc	gctaagtccg	gctcgcccaa	gcagaagccc	480
gccgactctg	ccaaatactg	gctcactgag	cgcagcgttg	gcgagttctc	tcgctccttc	540
agcttcccca	accgtgtcaa	ccaggacggg	gtgacggcta	gcttcaagga	cggcatcctc	600
agcgttgtcg	tccccaaagg	ggccaagccc	gagcctcgcc	gcatcccgtc	tcttaagaag	660
ctccacgaag	catttcacat	acgttttgtc	actccttact	taacggatat	tggctctggag	720
gaggaataac	tgcattggaag	tggcggttgt	aatttcaagt	tctgcgatgg	atacccttta	780
gtgtaaaggg	gcgagaaatg	ggttttgtcn	gagttgcatg	tttggtttga	gcgtctttca	840
cctttaacga	tatccaactc	tgttagtcga	ctaatagagc	attaatttcc	cnaaaaacca	900
acc						903

<210> 7532

<211> 893

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(893)

<223> n = A,T,C or G

<400> 7532

ctcgtgcttc	tgcagctcag	gcacgatttg	ggctctgccca	cgtctgcacg	atgtttctca	60
cgtctgggtct	ggccatgctc	ctgacagcga	cgtctcttct	tctcggtacc	aaggcccagc	120
cttccggttg	cggcatgata	tcaccaaag	tcatgatcgt	atccatgccc	gaagcccagg	180
tatggtacga	caactttccc	cagtccggcc	tgggcaacct	cacctcgcaa	gccatcgccg	240
cccaggcctc	tccatgctct	ttccatgggt	cttttgtacg	gagacaggca	gcgtctgtca	300
gagcacgctc	ggcgaagggt	aaatcaactc	ggcgtctccc	atgaccgcct	catcctctcc	360
ggcagcttca	acctgacgca	gacgtacttt	ctcctggccg	gcacgcgagg	ggtcaatcct	420
cggtagcga	ccattggcag	cgcggccttt	gctcgatacg	ctgtccagggt	tgtctcttcag	480
tacgagattg	attcccgcac	tctccgcagc	actggctacg	ggctacatcc	cctatggccg	540
ngcccatccg	tttgagtatc	cctgcacac	atacggcacc	cagaggtctc	gagctcaacg	600
tggacctgcg	agacgcccgc	catgcccttt	gnccaacngg	cacagntttt	agaccnaccg	660
cgacccgaaa	agataccgnc	ttctgttttc	ggacatgggc	gccgtcgnao	aanacggccg	720
tgatgcccc	agcgtgggtc	atgcgaaagc	gccacaaggg	acgtntacta	ttngggaggc	780
cggntgngca	agcttttgaa	aaaactaacg	gccttggtga	ccaanggacc	ggcgngtatt	840
ggattgaccc	ccagaaggac	aatgnnacct	tgaggngttg	tgccgggaan	cnt	893

<210> 7533

<211> 968

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(968)

<223> n = A,T,C or G

<400> 7533

aggagctgga	caaggccaag	ttcgagctcg	aacaagcgca	gagaagcggc	aactttgctc	60
gagcctctga	gcttcgcttc	ggcgtcatcc	ccgatctcga	gcagaaactg	ccgtccgaca	120
aggaaattca	gcaaagctct	gacaacagca	cgctcatcca	cgactcagtg	accgccgacg	180
acattgccaa	tgctgtgtct	cgcacacccg	gcattcccgt	ctcgaagctc	acttcgggac	240
atattgagaa	gcttgtccac	atggaggaca	ttctgcggga	atccgtcaag	ggacaggacg	300
acgccatcaa	agccgtcttc	caacgccttg	cggctccagc	gggcccgcct	cagccggcga	360

gaaccggccc	cctnnggccta	attcttttctt	ccttcgggacc	cgacttgggc	gtttgggcaa	420
gancnggagc	ttngggcaaaa	gaaaagcttg	ggcccaaaact	tttccttctt	tctctggaan	480
ccggaaattc	agccccgggc	ggttccnngg	ttctggaaca	ttgggtcggg	gaaatttncc	540
aggagaagca	caccatctct	cgcttcattg	gcgtccggtc	cggtatgtt	ggatacgaag	600
atgctgggca	gntgacggaa	gcggtgcgtt	gcaagccgta	tgcggtcctt	ttgttcgacg	660
agttcgaaaa	agcgcaccgc	gacattnttg	ctctgcttnt	ccaggttctc	gacgagggtt	720
accttnccga	tgcgcagggc	cacaagggtc	acttcangaa	caccatcatc	gtcctacctc	780
cacctgggag	cngatatact	cgtcggccan	aaccactgca	ccngtacaag	gaggacgccc	840
aacggcgaca	ttgacccatc	ggtccggcaa	gcaagtattg	gacngtgggc	ggcgtccgnt	900
taccgcncag	agnttctnaa	acngattcga	ctccttcatn	atctttnaaa	gcggcttggc	960
caagaagc						968

<210> 7534  
 <211> 785  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 7534						
nnatggtcan	gctgaacaag	aacctntcct	cctcccggag	caagagccgt	gccgctcact	60
tcaaggccgg	ctccggccag	cgccgtgtca	tcatgagcgc	tccccttagc	aaggagctgc	120
gcgagaagta	caacgttcgc	agcatcccca	tccgcaagga	cgacgaggtc	accatcgtcc	180
gtggctccaa	caagggccgt	gagggcaagg	tcacctcgt	ctaccgcctc	aagtacgtga	240
tccacgtcga	gcgcgtcacc	cgcgacaagg	ccagcggcca	gagcgtncct	tgggcatcca	300
cccctccaac	gtccgtcatc	accaagctca	agctcgacaa	ggaccggtga	gaagcatcct	360
ggcccgcgtc	aagggtongcc	gtgagctccg	cgtcccaaca	agatctctgc	ttaaactctc	420
tctgatttaa	gcggatgaat	ctgggagcaa	aaagaaaaga	aaaaactggt	tgagacgang	480
agatgaacac	tttttttttc	gacacgaaac	acactcaaca	cagggggggt	tttttcccc	540
atgtgatgca	ttccacggca	aacaatgata	ccggggcaag	gaaatgggca	caaattangt	600
atattcccg	cgtttttaag	cgatnccccg	agnccacca	cttttttcan	ctgcaggctc	660
gcgcgggant	ttttntttca	agcngggtag	atcgaaccaa	attcganaat	tttaccatt	720
ctnnatgggc	cgtttcncca	actttgccgt	tggggngaaa	tgctccatgg	gangggggtc	780
cccga						785

<210> 7535  
 <211> 769  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 7535						
ngccgcaaag	ccgcccgcct	tcacggcaag	ggagacttgc	tcggcgcaaa	cgatgcctac	60
gagaccggtc	tcaagcacga	ccccgacaat	gcgcagctca	agagcggcct	ggcctctgtt	120
gagaaggcca	tgcagcagga	agctggcggc	ggactcgacc	cgactggtgg	cattggcaag	180
atgttcaagg	acccccagct	gatccagaaa	cttgctcca	accccaagac	gagctccttc	240
ctggccgacc	ccgccttcat	ggccaagctg	cagcagatcc	agcagaacct	cctcaactcc	300
caagacctct	ttagcgaccc	caggatgatc	caggtgctgg	gcgtcctcat	gggcgtcgac	360
atggagatgc	gggacaagcc	cccctgaggg	cgccagacc	tacaatgtgt	ccgaagatac	420
acccatgcct	gacgtcccca	agaagcagcc	gagccaaga	aggagccac	gcccgaacct	480
ganccgttcg	acgaagangc	gctggaaaag	aagaagaaga	aggaagaggc	cgacaaggag	540
aaggcgctcg	gcaccganaa	ctacaagaag	cgcaactttg	acccgcattt	gagcactaca	600
agcanggctg	ggagattaca	aggacatnac	ctacttgaac	aacctngng	cgggcttatt	660

tgagaanggg	gantacgaca	agtgttttga	aaacttgcca	aaaggccttt	gacganggnc	720
gacagatnta	cccgacttta	aactttatcg	ccaaancttc	cnccccgatt		769

<210> 7536  
 <211> 641  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(641)  
 <223> n = A,T,C or G

<400> 7536						
caaagtgc	at	gtgctcac	gg	aa	cttcactt	60
ccggtagctg	ct	gcacgcgc	at	cttgcccc	tctgcagtc	120
tccccctgcat	ca	caaaaaga	cat	gtcgtgc	ccgcatctcg	180
ccgactcccc	cc	cagtcggg	gt	tacaaggaa	gactgcacgc	240
agccccggcg	gc	ctcgatgt	ct	gcctccag	tgcttcaacg	300
gagcactcgc	cg	cttcacaa	tg	cagtctgg	agtcacccgc	360
actcgaaaga	cg	gttcaccg	cg	atgaacca	cctgccaaaga	420
gncgagaccg	aa	gaagatcg	at	acgacact	gccctgaccg	480
aggagctgga	cc	tgacaaac	gc	caagtttg	cccccgtagt	540
acaccttctc	gc	gaaaggaa	gan	gtgaagg	cgtgggagca	600
acatctgacc	tt	gcagagca	ccc	accccg	aagatcgagc	641

<210> 7537  
 <211> 724  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 7537						
cattcgtact	cc	aaccaaac	ag	ccctctcc	ttgtgagaat	60
cgcgacaacc	ag	agacagcg	cg	cgacaaca	agagagagga	120
acggcgaaat	acc	agcccg	cccc	cagcag	gaacccgacg	180
cccgccctacg	gc	accgcagc	gt	ctctcgtcg	caccacgatc	240
cgcagcagcg	ac	gacaacat	cccc	gacgac	ttcaagtttg	300
accgtcgaca	tc	cgcaacca	gt	tgcgtccgc	aaggctctaca	360
gttgcgaccg	cc	gccctgag	ct	ccatcagc	ttnttcaagc	420
ccagagccac	ccc	gggctcg	ttt	gggcac	tttctttggc	480
cacctactgg	aa	gcgcaaaa	tc	gtatccca	caaaccttct	540
ccttcacaag	agg	cctactt	cc	attcttcc	gtcaatcgtc	600
ccattcgtcc	tt	caaacggc	ca	ccgtttct	naccggcccg	660
aacccttntt	tc	ggcctggc	cag	nacaaaaa	gttaccgaac	720
gccc					tttaacnctt	724

<210> 7538  
 <211> 499  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(499)  
 <223> n = A,T,C or G



<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(548)  
<223> n = A,T,C or G

<400> 7541  
ctgcccaga cgtcaagtt tatgtgccac aacggcgccg gctacgacca aatcgacgtc 60  
caggcctgca cagcccacaa cgtccacgtc tccaacacgc ccacggccgt cgacgccgcc 120  
accgccgacg tgaccatctg gntentcatc ggcgccctgc gcaacctgcc cattggcatc 180  
cacgccctgc gcgcgggcaa gtggcgggcg ttccccgcgc ccgccttggt gccacgaccc 240  
cgagggcaag atcctcggna tcctgggcat ggcggnatc gggccgcaac gtccgccgaaa 300  
aggcccgccg ctttggcatg agggatccgn taccacaacc gtcccgccgt agccccgagc 360  
tcgaaggagg gcgcggagta cgtcgatttc gagacgcttg ttccggggaga gcgatgtcct 420  
gagcttgaac ctgcctctca accctagcac ccgccantcc atcgccgcc ccgaattcgg 480  
cctnatgaa agcccgcat tcgtcatcgt naaacaccgc ccgggggng ccggtnatgg 540  
gacgaagg 548

<210> 7542  
<211> 667  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(667)  
<223> n = A,T,C or G

<400> 7542  
gtctcctggt ctgactacca tcacctcttt ggccctcacc tcgactgagc agcttgacga 60  
gcctcagcac cttttgggac cctcaattgc ccgctataac atctcttatt cctctcccta 120  
gcagggccgt tatccctctt cccctctccg tcaagcccc tctgcgcgcc tcactttcaa 180  
aatgatgctg tccactcttc gagttgcgag caggcgagct gtccgccctgc gccctgcgac 240  
cctgaggctc accagccgtg ctgcctgtct acctggatca acgttcccca gggccctcct 300  
gatgccattc ttggtattac cgaagccttc aaggccgaca agttcgagca gaagatcaac 360  
ctcggcggtg gcgcataccg tgacgatgct ggcaagcctt acgtntctcc ctcgggttcg 420  
gaggccgaga ggaagattgt cgacgccaaag ctgaacaagg agtacgccgg cataccggtg 480  
tcccaggttc cccctctctg ccgcaagttg gcctacggac caaccagtcc gtcctcgacc 540  
gcgttggtat taccagacat ctccgnaccg gtgcctgcgc cgttggtgct gccttcttg 600  
agcgctttta cttnnggtga caagaagatc ttnatcccca acccttggtg gcccaaccaca 660  
aaggcg 667

<210> 7543  
<211> 471  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(471)  
<223> n = A,T,C or G

<400> 7543  
gtgcggcccc tgcgcgcccc ctacaacccc gagatcggcg acctggctgt cggccgcac 60  
gtcgaggctc aggccaaagc gtggcgcgtc gacgtcgccg ccgcgcagct cgccatcctg 120  
caaattctcc ccatcaacct ccccgcgggc atcctccgca agcgcaaccg gacggacgag 180  
ctccagatcc ggagcttctt cgccgagggc gacgtgctcg tcgcccagggt ccaacagctg 240  
caccaggacg gngccgcagc ctgacacgcg cagnctnaag tacgggaagc ttcgcaacgg 300



cgtgtttgtc	gccgttnggg	gcacgggagg	aagcgcccg	gtggtgcgct	tcaagcgcca	360
acttgtagac	catggaanac	ggcaacnggc	gggggaaaaa	ttgacgtttt	gttgggctgc	420
aacngataca	ttttggatca	acaagcacgt	ggaaaacgaa	cttttggnccg	a	471

<210> 7544  
 <211> 701  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(701)  
 <223> n = A,T,C or G

<400> 7544						
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gcaaatacaca	tcgaaacttc	aagatgtcgt	cgggaaaagt	caagactgcc	cagctctggg	120
gcaagaacaa	ggaggagttg	gccaagcagc	tctctgagct	caaggctgaa	ctcggccagc	180
tccgcatacca	gaaggttgcc	tcctccggct	ccaagctgaa	caagatccac	gacctgcgaa	240
agtccatcgc	tcgtgtcttg	accgtcacca	acgccactca	gcgaaaccag	ctccgcctct	300
tctacaagaa	ggccaagtac	ctgcctctcg	acctccgccc	caagcagacc	cgtgccatcc	360
gacgcogatt	atcacctgag	gacaaggccc	gtgttctgga	gaagactaag	aagcgcaaca	420
cccacttccc	tcagcgcaag	ttcgccatca	aggcctaaat	gttttaattg	tgctttggaa	480
tgcggaaggga	cgtctgggta	gaatggggca	ttgaggcgca	gcatgetttt	tccacttgaa	540
caacagggct	cgaattgcat	cgcattggctc	aagggggaat	tcggtctgaa	ttggacttgc	600
ttttcccggt	tgggcctcgg	tctgggacgg	gaggcgtnct	ggatggctgg	ctaggtcgac	660
agtctatacc	aacaaaaaaa	atgaggcacg	atctacaaaa	g		701

<210> 7545  
 <211> 496  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(496)  
 <223> n = A,T,C or G

<400> 7545						
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cccgccatgg	acagctgggt	tcataaaaaa	tttggtccca	agtttgatgc	caacttttac	120
cactacgtct	ttgagcttct	cttgccgctc	aaggcgaatt	tcattgtggc	ggccatgtgg	180
cgaggatata	cgtatcccgg	acgatccttt	ttcgtggatg	acccaagaa	ccaggagctg	240
gccgatacct	atggcattgt	gattggcacc	tcgcaccatg	agccgatgca	gagggccatg	300
aacgantggt	ccactactca	gcccgaangc	acctggaact	gggataaaaa	caaagaaaag	360
atcacacagt	ntttcgaaga	angagcccag	aaggccgtgc	cctaccagtt	ctactttaac	420
atggggatcc	aagcgaaagc	gaatgtgccc	atnaaaagga	ggcgatcccc	ntaagatcct	480
ncccgaaagt	ctggat					496

<210> 7546  
 <211> 878  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(878)  
 <223> n = A,T,C or G

<400> 7546

00220"5555555555

**Q**uestions and answers

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<220>
<221> misc_feature
<222> (1)...(873)
<223> n = A,T,C or G
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<210> 7548
<211> 528
<212> DNA
<213> Tricoderma reesei
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<220>  
<221> misc_feature  
<222> (1)...(528)  
<223> n = A,T,C or G
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<212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(895)  
 <223> n = A,T,C or G

<400> 7551  
 ctgatgacga cgagcccccga cgacgttaag acgacgacga cgaaccacga acgccccgat 60  
 agacggcctg tcaaattcttg cagtctcttt acatctgaaa gcgacttgag atcctccgaa 120  
 acggttgagc cgaaccggaa caagctgtat cgaatagtgt cgctgctgcc gccatggaag 180  
 aggccgcgca gacacagccc gctcccggag cgctgagttg gcggctcagt tcgcatccta 240  
 tcacgctctt gacgtttctg ggctttcgaa tategagcgt gctcatatac tttcttggat 300  
 tatggatcat caagagcatg atcatgatct tcatcatcac aatcctcctg ctgcgcgcgcg 360  
 acttctacta cctcaagaac attgcggggc ggcgccctcgt cggctccggt ggtggaacga 420  
 ggtggaccgc cagacgggcg agtcgcagtg ggtggttgag agcctggagc cgggcacgcg 480  
 gcagatcaat gcgacggaca gccggttctt ttggctggcg ctgtacattc aaccgctgt 540  
 ggtgggtgct gatggcgggtg cttggcgctt attcgctgc aggtttctgt ggctgcctct 600  
 tgggtgcgatt gcgcttgtn taccattatn acacgctggc gttttnccgt tgcgacaagn 660  
 ttaaccaggc gtcgaatttc ctggaggcgc tttttggtca cnaatttggc ggcaacattg 720  
 cgagcacttt tgtgagccnc attgttcagg ngtaanaatg ccccggggga aaattccatg 780  
 aaaatgaacg gcnnngggggg ggggggggng gggaaaagggg ggaaangaac aagggggggg 840  
 cccttttccn ccaggggaag gntggnnttt ggttggtccc ttttcttggg gtgnn 895

<210> 7552  
 <211> 710  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 7552  
 gctggtcgtg aaatgacgct tcactttgag actttcgaga ctgtcgcttt cgccgtgtcc 60  
 gtttttggtcg tcacctacac cgtccaggat ggcaagtcca actatctcga gggcgccatg 120  
 ctgctcggcc tctacatcat cattgtgtc gccttctttg ctacgccagg tgactttttg 180  
 gacaaggcaa cggacctcgt cactggtggc aactaaaagc cgagcgtcga ccatcatcat 240  
 acaagtcgaa tactaccatc ctcggttggg gatgatcact accgaccga gaagaatacg 300  
 gccgtgacct gtgcccgtat acctaaccac ataacatcta ccacctcatg gacgaatgga 360  
 cgatccatat tcaccaatca caccaccgag acgaaagctc gagccgaacg tatcctgctt 420  
 gactccccctt ttctatctat ccgagtcctt gtacaattat tttcatgtct cgctgcaaac 480  
 gcgaagaagc tatttgatga tgccaaggag ggaaaacttt gcttgcttga tgtgacggaa 540  
 caaaacgtgt gccccaagag cggggagaga aaactttcct gtgttcgtgc ggcaagtccc 600  
 cgaagcgaga ttcnnggaaa ttggggcaaa cngatggcgt cgagtctctg catgtttgat 660  
 taaaaagcta cnaactttgc tttaaaagat aatgatgaca tttttcttgn 710

<210> 7553  
 <211> 523  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(523)  
 <223> n = A,T,C or G

<400> 7553

tcgggcctcc	tgggggcggc	cagcagcgcg	gccaacacgg	tgcggccgga	ccggcagacg	60
acgtacctgg	agaacatcaa	gagccagctg	gcgcggcccg	tcttcacggc	caacctcaag	120
aagggcaagc	cgggcaacta	caacttcggg	tacatcaacg	gctccgagta	catcggtccc	180
atccagtacg	ccgccatcaa	cccgtcgtcg	ccgctgtggg	aggtctccgt	caagcggcta	240
ccgcgtcggc	agcaacgaac	acaaaagtac	gtgcccgcgc	gtgtgggaac	gccatcgccg	300
acacggggcac	cacgctgctg	gtcgtgcccc	acgacattgt	caagcgccca	ctacgcccac	360
ggtcaanggg	ctcgacgttc	agcaacgacg	tcgggatgat	gctcgtgccc	tgcgccgnca	420
cctgcccgcg	tttgctttgg	ctggcaatac	cgnggggtat	cccnggttgt	nataactacg	480
gccgatgaac	aanangtact	gttcgngngn	atcaatcgtc	cga		523

<210> 7554  
 <211> 896  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(896)  
 <223> n = A,T,C or G

<400> 7554						
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tcgtcccca	cggcgctcga	ctgtactatc	tcaaccgctc	gcagccgect	ctgctgtcga	120
gaatggtgaa	agtctacatc	gaccacacaa	acgacaccgc	catcctccgc	cgcgctctgc	180
ccctcctcgt	caaggaacac	gaattctgga	cgaggaacag	gaccgtcgac	gtccgcgtca	240
acaacaagac	ctacgtcctc	aaccagtacg	ccgtgcaaaa	cacgcagccc	cgtccggaat	300
ccttcaggga	ggacttccag	accgcaaaca	accgtccta	ctacgcgcgc	tcgggcatca	360
tctaccacgc	gacaaagccc	ctgaatgagt	cgcagatcga	ggagctgtac	gcgaatctcg	420
cgtcggggcg	ggagagcgga	aacgattaca	cggcgcgctg	gctcgcggat	ccgtccgatg	480
ccatgaggga	cgtctatttc	cgctccgcag	ctcaacaaca	aggacattgg	tcccgtcgat	540
ctcaactcga	tcctntacgg	nacgagcttg	ccatcgccaa	ttctacaacc	agacgggcaa	600
caccacgggc	gcccgcgaat	ggagcaatct	cgtcggcnac	angagcgctt	tcattcangc	660
cgtntnttgg	aacgagacgc	tnntttangta	ctttgactac	aacttacttg	gtntttgcaa	720
aacatttacg	tcccggttgac	aaggaccggg	ggcttggaca	gganaccggt	cgncnggcaa	780
acaggtcttt	ttcacgggtg	gcagttttac	ccntttggac	cggggncggg	gcctgatacc	840
ttaggaaaaa	ccctttgccc	tacgccattt	tttgacgggt	naanactttt	ggatac	896

<210> 7555  
 <211> 305  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(305)  
 <223> n = A,T,C or G

<400> 7555						
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ttccagacct	tcatgggcat	ttaccgcaag	gagggcatcc	gcggcatcaa	caaggggtgc	120
aacnccgtcg	ccatccggca	gatgaccaan	tggggctccc	agnttcggcc	tcagccncc	180
ggncgagggc	tgnatccgct	cggtcacggg	gcaaggagaa	nagcgacaag	ctctccntcg	240
gagaaaaggt	ccttncccag	cgctctnggc	ggtggtctaa	gtgcntggaa	ccagcccatt	300
gaggt						305

<210> 7556  
 <211> 711  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 7556  
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 tatcgctctg gaattgggaa ccggcttctg caacacttac aagcagtttc tcgectgccg 120  
 cgccctgttt ggcatcgcca tgggtggcct gtacggaaac gcagccgcca cggctctgga 180  
 agactgtccg caagaggccc gtggtattat cagcggatc ctccagcaag ggtacccctt 240  
 tggctatctn ctanctgctg cttcgccgcg gctcgtcaac accacctngc acggatgggg 300  
 cccctgttc tggttcggtg cctgccgccc ttctctttat cgcttccggc tgatgatgcc 360  
 cgaaacccaa acgtaccgcg agcgtgaacc gcatgcgcat ngaggccggc cgaagcaaga 420  
 acaacgatga nttccgtcgg caaggtcttc atcaccgang gcaaagggtg cctcaagcgc 480  
 cactggatcc tgttgacctt cctcgnctg ctcatggccn gcttcaactt catgaaccac 540  
 ggagccagga tctgtacctt accatgctga cgaaccagct tcgttttagcg cggacaagggt 600  
 caccgtcacg caagtcgtcg ccaacctggg cgccatgacc gggggnaccc tngttggatt 660  
 catgaaccag tctntnggcc gccgctttaa caatcgctcg ntgctgcac g 711

<210> 7557  
 <211> 875  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(875)  
 <223> n = A,T,C or G

<400> 7557  
 tcctacgcct cccagccgca cccagcgcc tatccgcgga cgacgacatc gagtccctcaa 60  
 actgcgggccc tccgttcac cgcaccttgg aatcgccctc ctcgataccc aaccagacgc 120  
 cgtagtttcc gtgtgttgag aagagcgcaa tagcgaagag cagaaaagaa accggagacg 180  
 agacgagata aacaattatt atccatacac agacttcagc accatggccc agaagcgtct 240  
 tatgcaggag ctgcagtcct ttcagaagga gaaatgggta gacatcacia cagacgaggc 300  
 caaccttctc aagtggagga tcggtctgtg ggtggtcaat cctgacagcg ttggcatggg 360  
 gctttctcaa ggccgagatg agatttccgt ccgactaccc gtaccaacca ccagcgttca 420  
 agttcctcac tcccaacatc atccaccoga acgtgtttcc gacgggaacc tttgnatctt 480  
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 gtcttcacgg agtcgagtc gtccttcggt ctgtcctcct ttactggacg accctgagat 600  
 caacttangc gggcaacgtc gacgntagtg tattatatcg aagacaatcg cgccgagtat 660  
 aactngttgg gcaaaggcca cgggtcnggg ngacccaaaa gcatttccc gaggggcgcg 720  
 atatgcctac catgggntga actggactcc gcacctgtaa agcgggtcga ggntgactcg 780  
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 nttggaggat tttngggcca aaaaaaagga aaaag 875

<210> 7558  
 <211> 391  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(391)  
 <223> n = A,T,C or G

<400> 7558  
 nggcacgagg cgcaccatca cgctcgccca tcatgctgtc tcgaagcata gttgccgtct 60  
 cccgcatggc gccgatgcgc catttgccgc cgtccccgt ctcccgccag ggcctcccga 120  
 gcttggtagc gtactatgag gacaagatca tccaggctcc gcccatggcc gaggccatat 180

ccgagggAAC	tctcaagcag	ttctccaaat	ccgttggcga	ctacgtcgag	cangatgagg	240
agattgccac	cattgagacg	gacaagatcg	atgtcgccgt	caacngcaac	agaagccgga	300
gtcatcaagg	agtttttcgt	caaggaggag	gacacctgtg	accgttggcc	agggacttgg	360
ccccgtgtcg	agactggcgg	gngagaagcc	c			391

<210> 7559  
 <211> 623  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(623)  
 <223> n = A,T,C or G

<400> 7559		
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cagttnttcc	ccttcttcat cctgaccgtc accggccttg tcacccttcc cttgacatac 120	
agcctcttcc	ggaagagcac cgacaacgat gcgcttgccg cgcgcattctc gtcggattac 180	
accatcaagc	atggcgacgt tgtagcgtcg ctgcggggcg cgcagaagag gaagcagcgc 240	
aagatcaagc	gggccattctt cgtcgtcctg ggggtgggctc tcatggcggg catggtgtat 300	
ctgatcgtga	cgacacaaaa gatcattcct aagatttgga atccatatga tatcttggga 360	
atttcagagt	cggtaccccg aaaaacaaat caagtctcac tacaagaggc tgtccgtcaa 420	
attccacccc	gacaagggtcc gacccgatcc cttcaagaac gagacgttgg agatgctcaa 480	
cgaccgatac	gttgagctta ccaaagcata ccaagccctc acggacgaag aagtacgaaa 540	
caactatatt	caatacngnc accccgatgg caagcagaac tttaacatcg gcanttgccg 600	
ttgcctcagt	tcatnattcg aga	623

<210> 7560  
 <211> 598  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(598)  
 <223> n = A,T,C or G

<400> 7560	
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cacagcagag	gctgtcatgt cattgtctacc gcacgcaacc cggatgtcct caagggcctc 120
gctgccatgg	gcatgagcgc cgtccagctc gatgtcacca accaggacag catcaacgcc 180
gccagggacg	aggtttccca catcacgggt ggcaagctcg acattctcgt caacaacgcc 240
ggccggactt	acaccatccc ccgcctcgac atcgagatag acgacgtccg ccaaacctac 300
gaagaccaac	gtcttcngcc catgttcacc atcaangcct ttgccccctt gctcatcgcc 360
gnccgcggct	tcgtcgtcaa cgtcttntc catcagcttc catcagcgt acattttcgg 420
ttccgtntac	gccttcacaa agggcgccat naacaagcta ctgcgcgctc ctgcgctcga 480
gctcaagccc	tttggcgctc gcgtatggtc gcatggtcgg caccgcgccg ttccacattg 540
gcagcnaccg	naccggggcc tgccgcactt ggtntactgc cgtaacanta ttcagcga 598

<210> 7561  
 <211> 488  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(488)  
 <223> n = A,T,C or G





<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 7564

cgcagacggg	caagtgtaag	aacaccctga	tggcgcatac	ggggggccatc	acctgctttc	60
agcacgatgg	cccgcgaagg	gattagcggc	agcgagaaga	cggtaagat	gtgggacgtc	120
aggacgggag	agtgcgtgca	ggatctcttg	acggaccttt	ccgggggtgtg	gcaggtaaac	180
tttgatggaa	ggcgaatgct	tgctgccgtg	cagagagaca	acttgacctc	tgtggagatt	240
ctcgacttcg	gcgccgttcg	ngatggacac	cctcccgaa	aacttggacg	tcgcacctc	300
ctgaatgaac	cagaagttcg	tgccatgatt	gaagaggaag	tttgaagccc	aaaagcgcga	360
gtatgacttg	gtatccattt	tcccatgctt	taagaaaacc	aacaaaagcc	actgcggttt	420
acgaaaacca	aanggagcag	agaatgcata	tataatcagc	atgttggtatg	gnatattgga	480
ancacgcac	tgaaggcgca	tccgattctg	cccttcggcg	gtttgttggt	attatacatg	540
cnctggcttg	agaaccagtg	tncncattac	ggactcttgg	gaggggggtg	tggcaagcgn	600
ttggggcttt	aatgttttgt	ttngtttngt	gg			632

<210> 7565

<211> 462

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 7565

ngcgtgcgan	tcggcacgag	gcgactcttc	atctatcctg	agctatcaac	agctgcgact	60
tgcccatctt	ctgcgcttcc	aaacaagatt	atctactgaa	tttcaggctt	ccatcgctcct	120
ctttttcaag	ctgatttgag	cgagttgtta	tactgtgaag	atgtctgcgc	agaactcggc	180
cggatatccag	accctcctcg	acgccgagag	ggaggcgctc	aagattgtcc	agagggctcg	240
agaattccgc	accaagcgcg	tcaaggaggg	ccgcgacgag	gccaatgcgg	gaaatcgccn	300
agtacaaggc	tcgcaaggaa	gaagagttaa	agaaatttng	aatgccgagc	acagcatggg	360
gcnacgaagg	ncgtccnagc	caagaggccc	acntagggag	ggcngaagan	gcntgaattn	420
gaaggggtgat	ttnaactang	ggcgggggccn	anaaaagaaa	cc		462

<210> 7566

<211> 502

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(502)

<223> n = A,T,C or G

<400> 7566

ncggcgntcg	gccgaggcga	tgctgaaatc	aaggactttt	tcagcttctg	cggcaagatc	60
aacgacatca	aggtcaccac	cgagggcgag	acgaaaagcg	cagaggtnat	nttcgagaag	120
gagacggcca	tgaagactgc	cctgctgctg	aacaacacac	aactcggccc	caaccacatc	180
accgtgtcca	gcgccactgg	cgactccgag	gatgacgggt	cgcactttgc	ccactcgggc	240
aacaatacag	acgagattac	ncaggagatg	aagccgcgca	cccgcacctc	ggccgagtac	300
cttgcccacg	ggtacgttgt	tggtgatgct	ggcgattcag	ngcgccatcg	anctcgacca	360
gaagcacggg	cgtttcgtcg	cgctttctca	agnaccatcc	aaggacctcg	acaagaaagt	420
ccnaggctca	cggaccgcgc	caagaccggt	cgaccagann	tacggtatta	cncaagcgcg	480
ccggcaacnt	tttttaactg	gg				502

<210> 7567  
 <211> 264  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 7567  
 acacctgcaa cagagtcttt ccncaagcca gctctgccat taatacaccc atgcgatacc 60  
 tngaacctcc caccgcgacc atgttgatca aggtgcgaac gttgaccggc aaggagattg 120  
 agctcgacat tganctggac tacaaggtgt cccagatcaa ggaaaaggtc gaggagaagg 180  
 agggcatccc gcccggtgcaa cagcgcctca tccacggcgg naagcaaatg accgacgaca 240  
 agaccgcggc cgatacaacc tcgt 264

<210> 7568  
 <211> 704  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 7568  
 ggagtcgata tgctcccgtc gcgaattgga ggtcaatcct tgctgtctggc cgctttccgt 60  
 tccagttctg cccggctctc gtcgtgacc ttttctcccg cccaccgccc tgctgtctgt 120  
 gggaaccgat actgcgcttc atctctctcc tctctctcct ccagcaacaa caacaacacc 180  
 accaccacca cttctggctc agtccctggt accgtctntg gaacaaacgc aaagacaccc 240  
 gctcgtctgc ccggcatgcc tgaacacgac caccgacttg agcgctacct gcgcgaaaac 300  
 caccagcgcc tnttcgagaa caacaggaaa tgggctgccg agaggctnaa gcaggacccc 360  
 gagttcttca ctgcgtgtcc gccggcagtc gcccgagtac ctntggatcg gctgcagtga 420  
 ttcgcgcata cccgccgang gcatacggg gcttgggggc ggcgaaagcct tttggcaccg 480  
 caacatcgnc aacatggtca tcaacaccga ctnaacgtca tgaacgtaat caactacgcc 540  
 ggcgccacct naaggtcaag cacattgtcg tctgcggcac tacgggtgcg ggggtgtaaa 600  
 ggcgcgatga ccccaaggac atgggcctgn ttaanccgtg gntggcaaca ttcgcgacgt 660  
 ntancggctt caacgaanaa ggactggatg ccattcccga ccaa 704

<210> 7569  
 <211> 580  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(580)  
 <223> n = A,T,C or G

<400> 7569  
 cttcaacgtc ggctggggcg agcgcggcga cggccgggca gacggccacg gcaactcggt 60  
 gccgcgcttc cacattgcct ggggcgcggg gcccgagggt gtgcgcgtct ttgcggatcc 120  
 ggtgcgcagg gcgncgcagc agggcctcgt gacgttcaag ttccggcacc aggtcgacga 180  
 gctcgtcgtg gacggcaccg gncgggcggt cgngtccagg ggcagcgtgc tcgaggccga 240  
 cnaactgccc nggggcgtcc agacgtcgcg agcgcgtcgt ngacttcgtt tgagcttgcg 300  
 ccggcgcccc cccgtnattc gtnaccgttn gggccggcat tcggcgggcaa caatngaagg 360  
 cccgtcaaaa aanaaactgg gccccgttcg aaccggcctt gggggccnca aaggngccc 420

cgaacttttt	tttcgttnaa	ccgggggntg	gccccggccc	aaccgtttng	aacnggcccc	480
gaattgcttt	cnaaaaaatc	aacccgaaaa	aaaacgcccc	ggggggccca	aaacctttnt	540
taaaaanccc	gngaaaaaag	ggnatttggg	gcaattttaa			580

<210> 7570  
 <211> 747  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 7570	
gattgccgtc	60
gagtcgggtc	120
ctgtttcatc	180
cggggcgggc	240
acacacagca	300
tggcgcatc	360
cggnccttta	420
ncgtcggtgn	480
ggctggccag	540
aagcctcgtg	600
cgangtatct	660
tcaacggttg	720
aaagggttcng	747

<210> 7571  
 <211> 398  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(398)  
 <223> n = A,T,C or G

<400> 7571	
nttcaacttn	60
agccacgggt	120
tgncgttgac	180
cgntggcntg	240
atnaccggna	300
ccatgtcaag	360
tcncaagnaa	398

<210> 7572  
 <211> 553  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(553)  
 <223> n = A,T,C or G

<400> 7572	
gctctgtatg	60



ggaggacctn	ccctctggca	cctacaactt	caagatcacc	gacaaggagg	gccagagcaa	840
cttcagccag	cagttcccct	tccagggcac	cggtgtcgcc	tcgtccagcg	ctgccacctc	900
cgcaccagcg	ctgccgagtc	caacacgggn	tgcttccacc	accaccgagg	ctgccaccag	960
caccaccgag	gcccgtttcca	ccacctcgga	ggagtccacc	accgtgggtca	agaacccaaaa	1020
ctgctnactt	caccaccacc	gaggcctnga	gcaccttnac	caccaccacc	accgtngcca	1080
cttcacccac	aagcacaca	ccaccaccgn	tgctcccaca	ggttcggttt	ccaccaccac	1140
ttggacacca	caccaccggt	gcttcaactt	taaaccgccg	cgtcacaccg	ttcttcccgg	1200
aagcgccgcc	ggcacttttt	ttttccctgg	ccctcggttg	ccgngtggc	attggcattg	1260
ccttcttctt	ttattcttgc	agatgcangg	ctgggagggg	aagggtgcca	tcccgatttg	1320
ttcgcgcttt	aangcttttt	tctctggtac	cggttaaatt	taatattctt	aggcaangtt	1380
gtgtcgctgc	tttttttttc	ttcttcaaca	agcac			1415

<210> 7575

<211> 444

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(444)

<223> n = A,T,C or G

<400> 7575

acaccacgcg	atatatccac	aactctgagc	ccttgagctt	tgcataaact	acacacaaga	60
tacccaacat	gccttttcacc	gcaagcgaca	tttgcaagat	ccttcttgcc	atcatcctgc	120
cgcccgtcgg	tgtcttcctc	gagcgaggct	gcggcgctga	cttcctgatc	aacatcctcc	180
tcacgatcct	gggttacatt	cccggcatca	tccacgctct	gtacatcata	ctgaaatact	240
aaacacgccc	cccaccatcg	tatccgcaaa	gctcaagcca	tgacgccccg	tcgcttcacg	300
ccatgcacgc	accaccaaatt	ttgcgggtatc	tgaacgggca	ttgactggcg	aaagtctttt	360
taagaatacc	ggttgccnac	aagtgggaag	gagtgggtng	ccnnggcttc	acaaacggtg	420
ggccccgana	ttaaaccgcc	gggt				444

<210> 7576

<211> 786

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 7576

caaagatcta	caatcaaata	acacaacat	catgggtgac	aaacgactca	acgacctcct	60
gcgatggagc	atcgaacaca	tggaggccga	ctcgcttgta	aaccagccct	ccaacggatc	120
ccggccgcca	cccacgacca	acctgacccc	ggagattatg	gaggccctca	tgggcggccc	180
ctccgacgcc	gagctgatga	aggccgcat	ggagatcatc	aacgaccccg	aggtcagcct	240
ggagaacaag	ctcatcgctt	ttgacaactt	cgagcagctc	atcgagaacc	tcgacaacgc	300
caacaacatt	gccaacctcg	acctctggac	cccgtgctc	gaccagcttg	cgccacgaag	360
gagaagcgaa	atgcgcaaa	atggccgcct	gggtgctgtc	ggcaccgggc	cgttccaaaa	420
aacaaccccc	cgcaccgcca	ggaaccgcct	tgcttgggcc	attgggccc	ggcntggccc	480
tcggcttggg	tcgaaaaatg	ggcgctttta	agaaaaaaa	gcccgaagat	gtccggccaa	540
ggcgatttat	gcgctgagct	cnanccgtca	ggaattacca	gcctttcatg	ggatgcctgc	600
acggatgaac	ttgaacaagc	ggggattttg	ctgntggcgt	ccaaaagtcc	gacgcttgcc	660
ngaataattg	aatgcttggt	ggacacccgt	ttantcccaa	cnggtctnca	ggaggaaaaa	720
ccgntcaagg	aaataaccgg	tttcctggca	accggtnttt	cattagaagc	ataaccgaat	780
cttatt						786

<210> 7577

<211> 907

<212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(907)  
 <223> n = A,T,C or G

<400> 7577  
 atttcaaact ttctnggttt ttcctttctt tctttcttta ccatttaatt atttatttat 60  
 ttattttattt atttatttat tnacccattn cttnggggcc cccgggggga agcccatattc 120  
 ttttgggaaa ttcgggggaa cccttgggcg gttctttcgg aatttngggg ttggggcttc 180  
 cggggggnaa tccggcttgg ctttggaact tggaagaaaa atcttncgaa aaacccggca 240  
 acttggcctg gaaaaacggc aaatttgggg aacttangaa gaaacaagaa ttaaggaaga 300  
 acaatantcg gaccaggcct caacaaatgg cgaaacaagg cttttcccca gaaacgggcg 360  
 gcttnttgga gcggcatcca gggcctcggc ggctttcctc cccgcgcacg ggccctggcc 420  
 cggttctaca gcatnaaggg ccgcggccgn ctcccactca aaacaagcgg cctctggggac 480  
 gcctcaagac tcaccatcga gacgaccaag acgccccaaag gcccttgacc aagcctgagg 540  
 acctcgtctt cggcaagcaa gttcacgcac cacatgctgg gccattgagt ggacaaaaga 600  
 ggacgggntg gctggagcct cgcacacccc cctaccagaa cctgtccctg gacccggggc 660  
 acctggcgtc ttccactacg ccttttgagt gcttcgaggg catgaaaggc ctaccggggac 720  
 aagaacggcg acatttgcgt nttncgcccc gacaagacat tggcccnctt cacaaggtcg 780  
 gngggcgcca tcgccctgcc accttttgag ccacnggctt atcgagctca tcgcaagctc 840  
 acaaggtgga cgcgcgnttt atncccgcgc accngggtta ctcggttgna ctgcgccta 900  
 cgcttat 907

<210> 7578  
 <211> 697  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(697)  
 <223> n = A,T,C or G

<400> 7578  
 cctcgacgac gccgcgcgcc agctgtggcc ctacaagttc ggctgtgtgt acagcgtcac 60  
 gctggcgccc gacagcctga gcacggcgct ggtggtgacc aacgagggcg acgagccgtt 120  
 tgagtgccag acgctgctgc acacgtattt ccgagtttct gacattgctt ccgttcaggt 180  
 cctcggcctc gaagactccc cctaccacga caaggtcgac ggcgtcaaga acaagacgca 240  
 gtccctggac ccgctcacct ttcccgcgga gacggaccgc gtctacacac cggccaaggg 300  
 cccggccac ccgctcggtc atcaaccgag gccggcgctc ccaagtcccg cgtcgtgcgc 360  
 gacaaccttc gacgacgtgg tgggtgtgaa cccctgggtc gacaaggccg cggccatggc 420  
 cgactttgag cccaaggacc ggctggaaga aaatggctct cgtcaaggcg ggcgcggtga 480  
 actcgtggca aaaactggag aaaggggatg cgtttgaggg ggcgagaca atttacttga 540  
 aatgacggtc cgtcgggggc tatgtgtgtg aatctaccgn atacctgcat atattctcgc 600  
 atttgatgga ccatggtcct gagaaaaggc atttgagttc ttttttaaat gttggcacag 660  
 aatgaagcgt nttcnaaatg aaaagcatgt ttgnntt 697

<210> 7579  
 <211> 288  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(288)  
 <223> n = A,T,C or G

<400> 7579  
ctcacctcat ctcactccaa cctcgtngtc acaaccacaa ccaccacaat ccaacatgtc 60  
tgagcccgcc cccctccgcc tcggctccgt cgcccccaac ttcaaggccg agacgaccca 120  
gggccccatt gacttccacg agttcatcgg caacaactgg gtcgtcttct tctcccaccc 180  
ggaggacttc acccccggtg gcaccaccga gctggggcgc tttgcnaagc tgcagcccga 240  
gttcnagaag cgcgngtca agctnatcgg ctgtccncca acacggtc 288

<210> 7580  
<211> 1142  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(1142)  
<223> n = A,T,C or G

<400> 7580  
cgggactatg cancaccanc accacacgtn ctncgacttn accgttgtec acgagcacac 60  
ttntgttgcc cgtcccaagt tccgtgagga gatcaagatc accgaggaaa tccngagtc 120  
tactccgcaa gtccccgaac aatccgcaa gatgggttac tacgacgacg agggctctta 180  
ccactccctn aagcacggcg tcgcaagacg atcgacangc tgctccctca tcaccaccac 240  
cataccacca cagtgatcac caccaccaca gtgaccatca tgaccataat aacactacga 300  
tcacagagca ccgttgaagt tgatgttgtc ccgccacgat gctaatactc gtgacgcgca 360  
gctccccgca ctgagtcgca agcctcagac tgtgtncatc ccctggccac acattccgct 420  
gggtgacttc tgatgctcag ggncgaccat gccaggtcac ccnatntcga ccttcgtcg 480  
cactggccag tacccgttac cttggtgttg acctnttcac naacagctgc acgangagtc 540  
cttctttatc ttcaaccnt gccccnagcg gtggtggtca aaccatgtc gggcccgctc 600  
ttcaagcagt accgcgttct tcgacatggg ttgacggnta ccttaaccgc cattgaccga 660  
aaccggggac gtaaacaagg gccttaangg cattgganca agtncaacct tgtggtcttg 720  
ttttgnaagc aaggcttttg aagttccggn ccgngggagg cggtcggggg ttcttggttc 780  
cttaaangaa cngggggggc attgaacctt gcnttggttg aanaatgaaa nggtcggttc 840  
accgggtttt ttggncttgg taaaaccaat tncntnttcg natgnacatt ttttttcggg 900  
gttttnaagg gggggaagg ggtttatttg ggnccaattc catttcctta tngggatant 960  
ttccaaggct tcggaattaa aagccttggg attaatgggg naaaaaaaaa ccccatnng 1020  
ggctttggga gnggataacc gtngggaaac nggtttgggn attttttttt gggaaacggg 1080  
cttggaatg tatttttggg tcattaaagg caaaatgncc canttaaatn ggatttttct 1140  
tt 1142

<210> 7581  
<211> 772  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(772)  
<223> n = A,T,C or G

<400> 7581  
tccgcaacc atccccttcg caaaacaaaa ccccccccc aaacgaatct cgcgcagcat 60  
gtccctcaag aacgacgcat tcccctcctc cgaggccttc gacgccatca acgcccgcct 120  
cagcagcagc gaagccgacc gcaaggacgc catcaagaac ggcaaggccg tctttgcatt 180  
caccctcaag aacaaggccg gcgagacggc cagctggcac attgacctca aggagacggg 240  
cacagtcggc acaggcctgg gcgagaatcc caccgtcacc ctgactctct cagacgagga 300  
ctttggcaag ctcgtctccg gcaaggcgca ggcccagcgg ctcttcatgt ccggcaagct 360  
caaggtcaag ggcgacgtca tgaaggccac caagatggag cccatcctga agaagcccag 420  
accaagtcca agttgtaaga cgcgagaagc tcaacgcgca cccaagcgca ttatttcata 480  
tggaatcttc tctcgggggg gtgtacatac gacgagggga aactgctgga aacgcaacgc 540  
cccctttgac cgcaattctt gatttttttt tttttttttg ccttncttat gtatcatacc 600

aattccctgg	tgctggtccc	actgaagttg	cgtcntgggg	ttaatncccc	cgcaaaaana	660
ggaggcttgg	anaatgaggg	ataagtgggt	cgagcttact	ttgccttatg	aatgctggca	720
tagacganaa	tcccatnttt	cgctnggtac	gtttccanct	tggtttttgg	tt	772

<210> 7582

<211> 838

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(838)

<223> n = A,T,C or G

<400> 7582

atcgcatcat	atcgcatcgc	gtcgcatcgc	atcgcatcgc	acacgatcgc	ccattgttat	60
cgtcgactcg	ttgagcctgc	cccgagttcg	cgctcacgtg	gggactttat	tcactgcgtt	120
ggg'gcgctttg	acggcacgcg	aaatcctgtc	ctctctcttc	atctcgtctt	ctcctcgact	180
cggcgtcgcc	agcatgagat	ccttcgttcg	gccgggcgcc	ctggctgccc	ttgtagctgc	240
ggcagatgtc	gccgtcgcac	agcagagccc	gttttccatc	gcatcaacca	gcgacatcaa	300
aaagacagca	gccaccgtcg	cctgggacat	gctccagtac	taccacggca	atgagtctgg	360
ccagacgccc	ggcatcctgc	ccggccctcc	ccctgctggc	gattactact	gggtgggaggg	420
cggcgcaatg	tgggggacgc	tcatcgacta	ctggtacctc	accggcgaca	ccacgtacaa	480
cgacctncca	tgcangccat	ccagttncag	acgggcccga	cgacgacttc	acccgccaac	540
gtgacgctgt	cctgggcaac	gacgaccaag	gcttttgggg	catgacgggc	atctggccgc	600
canganaaat	tncccganct	ttcgcccgac	aagccgaatg	gntggccttg	cgcanngcgt	660
ttttaacacg	caggccaccc	ccnacgtacc	angacacgtg	cggggggggc	tttggttgga	720
nattcttcca	ccaaccngga	aacantacaa	naacagattg	ccatggntgg	tttttaaagt	780
ggcncnctg	ggttganaac	cgggaaaacn	aatanttgan	tggggccnaa	aaatggga	838

<210> 7583

<211> 757

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 7583

aaaacatcaa	acgcaatgtc	tcgcatcgct	gcccccgctc	ccaaactctc	ccgcgcgctg	60
agctcctccg	ccgccgcctc	ccgcgcgcgc	aaccgcgtgc	tcgtcgaagc	ggccacttac	120
aacgcggcgc	ccgccctcat	gcccaagtac	gccgagctgc	tgcgcaaccg	gaggaccacc	180
accaccacca	tcaacaccgc	cgccattgag	cactccgagt	ccaccgcgtc	cctcacaaca	240
acccaccgcc	caacccccca	gccctccatc	gccaaaccgc	caagcctctc	atgcagacct	300
tttccacctc	atcaacctca	tcagcaacaa	caccctccgc	ccacctcgac	gccgccatcc	360
tccccagctt	cgccctcctc	cctcatcatc	ttcatcctca	tcaacattcg	cagacctccc	420
ccgcatgccc	ctnctccaga	cagctacgca	accgcgcac	ccgcccggcc	gcagatcccc	480
cgtttcatcg	cagctcctca	tcgtcgccgt	caaccccgac	gccgtcgtcc	cgccacgccc	540
ctttctcgct	cagcggcgctc	tcgaaccgtc	gagctcaagt	tcgtcacgag	ccttgagccc	600
gcaaggctga	cgaagcaggc	ggngagaaca	agccaagggc	atgattcgcg	atctgtggaa	660
ggnattgggtg	gangatgtct	tgggcgcggg	gnaaggnttt	gggcaagtng	anttgaagcg	720
ggggggcctt	ggctnaaang	gggtaagggn	gaattttt			757

<210> 7584

<211> 740

<212> DNA

<213> Tricoderma reesei



<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 7584  
 ccccaacagc gagcagcaac tcctcagcca cagacagcat tgcaatcctg cctgcatctt 60  
 acgagcgcac cgtcaccatg agcggccccg tccatgtcca gtccgacggc gagtggcagt 120  
 cgctgctctc caagaactcg gtctgctcgc cagatctcta cgccgactgg tgcggccccct 180  
 gcaagatgat tgctgccgca ctttgagcgc ctgcgcaagg agcactcgcg cccgaacaag 240  
 gtcgcctttg caaaggtcaa cgtcgacaac caagccaaca ttgcccgcac gaatggcgtc 300  
 acggccatgc ccacgttcgt catcttcac aacggctcga ccgtccagac catccgcggc 360  
 gccaacccgt ccgccctgac cgaggccgtc acaaaggccg ttgccctcgc cgacggcggc 420  
 aaggccgaag ccgtcttcaa gacccccggc aggacgctgg gcggcgatgg ccccgctcccc 480  
 gctcagcgtc actggagcgt gacggtgctc ctcaacgtcc gtcatgatgc tcgtccggac 540  
 tctacttcac gtccttattt tcgattgatg ccgtacaagg gcgccggagc tgtccatggt 600  
 caacccgaaa aagaaagcag ccattcgcg gtgaaagccg gcagcggntg gangaccggc 660  
 ccaagcgggc agtgtccgac cgnaacaaca gaggtcggct ttaaaaaacta cagattggga 720  
 tttttttttt ttcattgatt 740

<210> 7585  
 <211> 751  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(751)  
 <223> n = A,T,C or G

<400> 7585  
 nncaacgcca aacacgatng ggccgacgac nacgacatct gangagacct ccttcgagct 60  
 gccgcctccc cagaccatct ctaacaagga tggcaccaag acgatcatca cataccgata 120  
 caacgaccag ggccagaagg tcaagacgac tcgcccgggtc cgnacataac ccaaaccgaa 180  
 cagtcacccc ccgcgtcgcc gcccggaata cgtggcccaa gtccggctga gcgcaaagga 240  
 cccccgggc cntgcccccg acaccacctc cgtcggcgag aacatnatct tccgcccagc 300  
 gtctcgtngg cgcaaggatg ccaaggagga ngggcgccga cgccaacgct naggccatga 360  
 aggacaagct caangacaag aangtnaagt gccgtatntg caacggcgag cactttacag 420  
 ccagatgtcc ttacaaggac accatggccc ttgttgana gacnaccgcc gccgagggcg 480  
 ccgttgggtc gnagacnate tcggtgccgt tgttgcgctt gncggggntg gcaanaangg 540  
 ttctacgtg ccgcttgttt tgggtggcgac cgcggaaccg gaaacccatg ggtcggatca 600  
 aataccggga aaagggacnn ttttgacac tcggtgtacc aacgtttana aatggcgga 660  
 aacaaaactt gcncaantg ttcnacgtt tggncgtgt accananttt tcttcgccaa 720  
 ngaccggnaa ccggattggc anngggtttt c 751

<210> 7586  
 <211> 404  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(404)  
 <223> n = A,T,C or G

<400> 7586  
 tttggccgcc gaacgctcta tgttggtggg caaggtatct tatgctccac tctccttato 60  
 attgggattg tcaactctgc gacatctgcc aaggatgcc tatgggcaga agcagcggtta 120  
 tgcattctct ggctcctagt ctatgctctt acagttggcc ctatcacgta ttctatcgtg 180  
 tccgagacat cgtccatccg tctgcgcccc gagaccgttt cgctggcccc ggccggcctat 240

cagattatca	acgttgcac	caggtccttg	agcccgctact	ttatgaaccc	cgaccgcttg	300
gaaacgcgtc	tggaaagaac	ngggttcttn	tggggcggnna	ccgctctgaa	catgttattt	360
gggcctat	tcgacttccg	aaaccaaagg	acaacgttga	aaag		404

<210> 7587

<211> 619

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 7587

caccacaaa	cancaaaaca	tcttcccat	gatctcatca	tacagaaccc	accactgggc	60
gatataaaaa	gactgccgaa	ttggcttcct	ctcgccaac	atgcctctcc	agcangtact	120
ggccgacgnc	ctgctcggct	tcngcgagt	gacgcccgtc	cacgccagg	gcccaggcga	180
ctggcaggct	acgtgcccc	actactacgc	cgacatctgc	cccgactatg	cgtctacttc	240
aacctatccg	catcgtccct	acagctcggg	cccgcacgcc	ctgccctacc	agcggccgaa	300
cccgcgggtg	cgcacgttcc	agtcggacga	gatcgagagg	gtcattgagg	aggtgacgtc	360
naggataaag	gaccncgacc	tggcgcggt	cttcgagaat	gcgttccct	ccacgacgga	420
cacgacggtc	aagttccaca	caaagggcgg	caaggacgcg	ggctttgtcc	ccgtccaggg	480
gcctncgntg	gaggacggtc	gtgngaagg	ccgcagtcgt	tcacatncg	gnggacattg	540
gtgcggagt	gctgcgggac	tcgacgaaca	ctgcgncgt	ccangcncgt	ccaaaangac	600
cggncatttt	gactgattg					619

<210> 7588

<211> 369

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(369)

<223> n = A,T,C or G

<400> 7588

ccgacgccct	cgcgcaggcc	ctccgcgcct	acgtgatcca	gagccaaaac	gccggcatcg	60
agcggcacgg	cgtcttcaag	gtggccgtct	cgggcggctc	gctgcccaag	acgtggcgc	120
aggccctgct	ggcgccctcg	tcgggcccgg	gcgacgtcgt	cgacttcacc	aagtgggaaa	180
tcttcttcgc	cgacgagcgc	gccgtgccgc	tggaccacga	agactccaac	tacgccctcg	240
tcaaagaagg	agctgctcga	caaagctgnc	cgccgaccag	cagccgccng	ncgtgcacgc	300
catcgacaac	ggnccacctn	gatgacgtcc	aggaaccttc	gccgaccang	tncgagcaaa	360
acgttctgt						369

<210> 7589

<211> 914

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(914)

<223> n = A,T,C or G

<400> 7589

ctncatgnca	ataccattct	ttaaccaacc	tnccatctta	taatccta	caagctccct	60
cgagttta	tcctaattcg	acaaaatgaa	gttcaccgtc	gctgtcgtc	tcgccgcgc	120
tggcgtctct	gccgtctacg	tcctctctag	caacgttacc	gtcgttaccg	aggtcgtcga	180

tgtctacacc	acctactgcc	ccttcgccac	gcagatcacc	cacggctcca	agacctacac	240
cgtcactgag	cccaccactc	tgaccatctc	tgactgcccc	tgaccatca	cccgcccggt	300
caccgtcacc	agcagcggtg	cctgctacac	ctgcggtgct	gctgctccta	ctgggtgctgt	360
ccccttcggg	caacggcggn	gctcccccg	gctttaacaa	actccaccaa	tnaccacttc	420
ccaccccagg	gcttcctcct	ggccgggtgg	gcaaaccctt	tcccgccaag	cacttggtgg	480
gtgggtgggc	ccntaaccgg	gttcctttcc	cggccggtcc	ccccacntgg	gcggggnggc	540
ccagcaaggc	cgtcttttcg	ngccgggttg	gccngtatcg	tccgctggcc	gtttcgtoct	600
gnaaatcntg	naaatttcga	cacctcgnca	atataccggc	tacgaatttc	ttggttcaac	660
gaattctggg	aagtcngggg	ttcggncctnc	gttcatgaat	ctgatataag	ggggaaaaac	720
caagtggtn	ggattttaatc	taatttttng	gttacgtcga	acgggatggg	gggaaacgat	780
atttaatttt	ttnggatgta	tanaanaatg	ggtttttttg	ggttaacngg	acaatgcaan	840
nctcgggggt	naagggaact	tgaatttttt	ttttgaacnc	ccaaggggaa	anaagnccaa	900
aaatttgctt	ttgg					914

<210> 7590

<211> 294

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 7590

tgaacgtctc	gctcgtcgag	gccggcaagc	ccaccgctga	gcacctcaag	gctcaccctc	60
tgggcaagtt	ccctgccttc	cttggcgagg	acggctttgc	tctgagcgag	agcattgcta	120
ttgccatcta	cgtcacctcc	cagaacgaga	agaccaccct	tctcggcaag	gaccaagcag	180
gactacgctt	ccatcctgcg	atggatgtcc	ttcttcaant	ncgagatcgc	cccccaggtc	240
ggcacctgga	tcaaagntcc	tgaccgggtgc	cctttcctac	antaanaagg	ctgt	294

<210> 7591

<211> 279

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(279)

<223> n = A,T,C or G

<400> 7591

gcacaggtc	cccacaccg	acccttccac	aaaccccag	cacctcaaac	tcctcgagaa	60
ctggatgcgc	agctacgagc	ccgacaggct	ctttgacgag	agcggaaaagc	ccattgcctc	120
cttgacctcg	ctgccccga	caggcaaccg	ccgcatgagt	gccaatcccg	tcnccaacgg	180
cggtatcctc	agaaagcccc	tggnggatgc	ccgacttcaa	agaagtaccg	gtgttgcccg	240
ttnaagcacc	cttggcgctt	ggtcatggga	ttgcttagc			279

<210> 7592

<211> 297

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 7592

ncgtcgttgg	tctggcccgt	tacaagtcca	ccnttttgc	aagcggcttc	gtttttggcg	60
------------	------------	------------	-----------	------------	------------	----

ccctgntgng	ctttaagcac	atntaccttt	atntgncgcc	gggctacttt	tgttttcttt	120
tganggcgtc	tggctgtcng	gnaaacggtt	ttccgnatna	agcttttnan	tgggttaant	180
tcgacttcgg	cttggcggnn	ttttgccgtg	gctttgcncc	tttggettga	tggggnaaaa	240
atccccaaact	tgtaanccg	gtnttttctt	ttttcccccg	ggttgggnta	tgcttct	297

<210> 7593  
 <211> 503  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(503)  
 <223> n = A,T,C or G

<400> 7593						
acctacgaac	ccgaattcga	gcatcatagc	aatgcagagg	cgctggatga	cgccggcgcc	60
gaaaccaggc	gatgggccc	tcattgtcag	gagagctgat	cgagagcttc	ccgacgtcgg	120
ccaagtctcc	cacggctggc	gccgcaccct	gcccatcttc	ctcatcgtcg	tcgccgctgc	180
tccgtcacia	tcttcaacta	ccaaaagtcc	tcgtcgccca	tcataatcgtc	gacgctctac	240
gagctgcgca	ccaaccccg	ggccaaccgg	ttgntcggcg	gcgagatcta	cttcaagcac	300
cagatcccct	ggatctcggg	cgagatgaac	cangtcaagg	gcccgcacatc	acgtgagctt	360
cgccgtgcgc	gggaaaaanc	ctcnggcgtg	atgcngttcg	cgagccatcg	gccgtcgccc	420
aacgcctttt	cgaaacacng	tctggagctt	gacgatggat	gacnggacng	tggtggatct	480
gctggatngc	ngggatccgt	tta				503

<210> 7594  
 <211> 718  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 7594						
caaggaaata	ttaaagggtc	cttcaaattc	ggcaaaatgg	cgagaaaact	cacgttgacag	60
tcgacgatta	agctcaactc	gggctaccat	atgccctcgc	tcggctttgg	agtctaccaa	120
acctccgcct	ctgtggctac	cgacgtctgc	aaagaagccc	tgaaaatcgg	ctacagacac	180
atcgactccg	ctnaacatac	cggaaccaa	gnccctccgc	aacaagcatt	ggccgncgcc	240
ggattccccg	cttcggaaat	cttntttaac	caccaagggt	ccgtccgga	aaaagccctt	300
cggtaccaaa	aacacgctcg	aacctcgtcg	acattgccct	gcaggagacg	cagctggccg	360
tacctcgacc	tcgtctctcat	ccactcacc	tacggnccga	tccgagaacc	gcaaggcgcc	420
gtggaaggcc	ctcgtcgagt	ctgtcgang	ccggcaagg	gcgctccatt	ggcgtctcca	480
actacggcgt	gcaccacctt	gacgaagctc	gaggcataca	tcaaggagct	caggccgagc	540
gcggnggcga	agnttggcaa	gggcgggatt	ctgtccgtcg	gccagtggga	gattaccctt	600
ggctgccgcg	cgacgacatc	gtgcagtgg	gtcgcgcgcg	taacgtcgct	tggtangcgt	660
attgtcctat	tgtgcgcngc	gaagcgcttt	ggcgatccaa	ggtgggcgcc	gtggcgaa	718

<210> 7595  
 <211> 526  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(526)  
 <223> n = A,T,C or G

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<400> 7595
atcagtcctc gaaatgggct ccacggcttt tccccgcgcg ccggtcaaca ccattgactg      60
gtccaacgtc ggcttccgcg tccgcgaagt caacggccac atcgaatcga cctactccct      120
caagacgggc acatggacgc cgctcaagtt cgtcgcggac ccgtacatgc gcattccacgg      180
catggccccg gcgctcaact acggccagca ggcttacgaa gggctcaagg ccttccgcgt      240
gccccggcag gccttcacgc catcttccgc cgcaccgcaa cgccgtccgc atgcagcact      300
cgcccgaggt cgctgatgcg ccgtccccgt cacccttctg aggcgggaaa gccgcgtcgc      360
ctaacgcggt acgtcccccc acagacggcg ccgcatgnca tccggcgana ttacggtcna      420
gcgccacttg ggctgtcggg cccagagaac tttgcgtttg gatccacggc gtttacggtc      480
gacccgtaag cgtttgtgaa attgacgncg ccacgacgag agnaag      526

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<210> 7596
<211> 1024
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(1024)
<223> n = A,T,C or G

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<400> 7596
ctccctaccc tcacgccagg ctataacgct cctttccagc ttttttgccc gccagtcatt      60
cctttgtctt cttacgacaa cccacactct ttatttttaa aaaaccttct tcattccttc      120
ttttcctttt caaaaaaccc caagcaacta aaaataaaca acaaaacaaa ccaaaccgtc      180
aagatgaagt tcaactctgtc cgcctctgcc ttcttgcccc tcgtcgcttc ggccctcgcc      240
cagaccgcgc actttgactc catcaccaac cctaccccca acgagatcct cactgccggc      300
caggccctga ccatcgagtg ggatgctccc gcaagtacgc cgccggcacc gtctccatcg      360
agctgatcgc cgccctacc caggccaccc agcaggtcct ggctaccatt gccaccggtg      420
tcaagaacag cgccaagacc ttcacctgga acgttgactc tgccgttgcc ggccagaact      480
tctacggctt catcttccgc ctcgagagcg acccctccgt cttcagtact ccaaccctt      540
tcacatcaag gcgngtgagg tccacagcaa gcagcagtc ctctactccc gctgctcccg      600
ccacacctcg tctctggca gctacggcaa cctccttccg gcggacacca ccaccacctg      660
accaccttcg ccggtgtcaa gacggtcact ctggcaccca gtccactacc gaggttccg      720
tcgtcacacg ccggtctact ttcttcggcc gttactgatg taccggtgtc ctgaacgcca      780
ccaccaccgg tcccttgccg aactcacatt ggtctccant tttaagcggc gccaaagactt      840
ttcaaagcgt taccggctgg ctctcttctn caagtttccg gtacgtcttc cggcagccct      900
gacaagacgg tgggtgttct ttgctcaacc tgcatantgg tcgcccttgc cacaangtgg      960
gttgcgttgg cgagctctggc tgggtgctttg ggtgtantgt tgaacggcaa ataaaactga      1020
ngta      1024

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<210> 7597
<211> 886
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(886)
<223> n = A,T,C or G

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<400> 7597
cgagccgact ccaacccgcg ccaagacaaa cggcaacgct cccgcgacag cctcggcctc      60
ggcccatgca gacgaacaca cttctctcct caaccgacca gaccatcatg gccgacgcgg      120
ttcggactgg tccggcttct cgcggcgagt gccgcatctc ctcgagccac cggctactcc      180
gcaaccgcgc ccgacggcat tccagactgt catgtggaac tcggttgta tccctcatggt      240
gtgcggcgct ggagttgctg gctggttcct tggcgaaaagg gcatncaactg gcgagaggcc      300
gccttcgaac gatgataact cccttgagtt caacacattg ggtcagatct ttgggtacat      360
ctgcgcggtg ctctacattg cgtctcgaat gccgaactc tcctcaactg gaggcgcaag      420
acaactgaag gactgagcat gctcttcttc ttatttgcct gctcggaaac acaatgtacg      480

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ttctgtcatt	gncgtgtacg	aaccacgctg	cggggaaaaa	gcatgcgacc	aacaaaagca	540
aggngnggtt	accgnagata	tatccttgta	aatntaactg	gctggctggc	agcgccatta	600
cccttctgat	ggatctctgc	gtctttggcc	agtactttat	tgtacaggac	ggaaggngaa	660
accaaacaaa	acttccgccg	aggacnaaat	tancgccatt	gacnaccttt	gggataaaaa	720
acactgnttg	atcaaaaaatg	aaagnttgct	tccactatnt	accanacaat	ttnacccctt	780
ccccttcggg	tntncgtttg	gtactttggg	tncttttggt	tggnggtttt	ctttggcnaa	840
nattttngga	aattgacttc	aatgggnaat	cntttttttt	tgtgtt		886

<210> 7598

<211> 404

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 7598

nntcacaagn	accgncgatt	cgcacgnngc	tcagcgccgc	atgaaggctg	acttcgtcga	60
tgctcgagtat	ggcgaggaca	accttcccct	ctccgcagag	gctgcctctc	agaccgttgc	120
cctcaagaag	gacggcgagc	tcctcgcccc	ctccagcgcc	ctgggtgccc	ccgacaagtc	180
tctcctgcac	cgctctcagt	cgcgtgcttt	catgaccgac	gatggcatgc	ccatgcccac	240
tgagttcttc	ctctctttct	gacctgctg	cntcgnrtag	cacaccaaga	aaggttctgt	300
acctcgagga	tgacgacatt	gcttcacatc	cacgagggct	tccttaacat	tccaccgcct	360
tgaagaaagg	cttgatgggc	agcttccaac	cgtnccnggc	ccat		404

<210> 7599

<211> 706

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 7599

cttctctccc	tcttctctct	cgtctttcgt	ctcattgtcg	tctcttgcc	gctataccca	60
aacttcctct	ctcgtagagc	gtaacggaag	acaaacaggc	aatcccgtgt	ttatctgtct	120
ctcctctca	caatgggcgc	gcacaccgac	agcggcgctg	ccatctatga	tgcggcgctg	180
catcgtcgcc	aggccctcat	gggcgccagt	ggagctcgcg	ctctgggtcaa	gaactttcga	240
gtcttcagcc	tggtgcctt	tgccgtatc	ggcgggtgtc	tgtatgggtta	caatcagggc	300
atgttctctg	gcgttctcgc	catgccctct	ttcaagcagc	acatggggaga	atacgatcct	360
ttcgacccca	acgccagcca	naccaagaag	ggttggttga	cggccattct	cgagctcggt	420
gcctgggttg	gaactctggt	ttctggtctc	atggccgaga	cgatctctcg	caaatacgga	480
atcattgttg	cctgctgcat	ctttatcatt	gngggttggt	ggtcangctt	tggtgccatt	540
tgatgctgg	ccgaatgcca	ttctttggan	gcccgaattcg	tcacnggtat	gggaagttcg	600
gcaancttat	ccatganntg	ggcccattta	caactccgan	gtggcccctt	cctgaggttc	660
gangngctct	cgntgccctt	naagaaattt	ggcaatctgc	tttcgg		706

<210> 7600

<211> 408

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(408)

<223> n = A,T,C or G



gcaatacccg	gaggaatatt	acttgntgga	aggntantgg	aatgatgaat	gagctggacc	840
ccggccaact	ttgggtggga	tttggatctg	gcctttcgag	ggactgtaat	acccaaaata	900
tattaccaga	ttactggcct	aatgctaata	tcttcggacg	cttttacgat	tta	953

<210> 7603  
 <211> 605  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(605)  
 <223> n = A,T,C or G

<400> 7603	
cgttaccgat	gaggtgtcca aggtgcgcgaggagctcaag ctggggcgatg tgtacggctg 60
cgcgccccag	acgtgggtgca tctcgtgctg gcccttcaac gactcgagca acatctttcc 120
cggcgtcgtc	ttgcccgcgc tctctgccat tgttgtcaac aagacgcgcg aggataagtc 180
gcgccctcatt	atcggaaca cggggcgcat ccgcttcgac ctgcaccagg ggccggtttac 240
gtatgatgac	aacttcacgc tgtccgcttt ccgggatgcc tttctgtaca ttcccgatgt 300
gcccgatgag	ctagccaaga ctgtcctgca aagctcaaca gtgggtcccat tgcaaagcgt 360
gacttggcca	caatgcccgt ccttgcgact ngtgcaccga tccacttggg gctactgacc 420
gtcgcgagaa	tgcccaaaac cacggcgctcg tncgccgcaa gaaattgtna cttcnggcta 480
tgttacgacc	cgntgacttt ggcaancgat ggaaaccaac acgngcaaa caaggcattt 540
ganaactanc	ttttgcccgg cttactttta agnccgaggt aactttgccg aagggaaacca 600
cccc	

<210> 7604  
 <211> 584  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(584)  
 <223> n = A,T,C or G

<400> 7604	
cctacaccgc	cggcacgccg ccctcggggc ccctcgaggg ctccaagtcg ggccggcgcca 60
tcaccgaagg	gcggcggaag aggacaaaaa aaccggcccn aaagcccacc ngtcгааагаа 120
aaaagaacgc	ccccccgggc caagtcgggc caggtgttcc aagaangggc gacgacaagg 180
acaagcaaca	agcctaccgg acaacgcaaa agtactggct aaccgaagcg cagcgtcggc 240
gagttctcgc	ggacgttttag cttccccacg cgcgttgacc aggacaagggt gtcggccaac 300
ttcaaggacg	gcattcttcaa cattacgatt cccaaggncg gccaaagcatg agcccaagaa 360
gattgcccgc	aactaaaggg gatttttggtc gacgatgggg gaatggatgg atgggaattg 420
tgatgaattt	ttgcatgaat catgatgggt tggtgggaat ttgttcacgc tcctttttct 480
ttctcttgat	gcacgcggga tgggtgggtt tggcatgtat gcatgggaat catgatacga 540
gttacagcct	ttttggtgtc tcttaacgcc atcgatacct tacc 584

<210> 7605  
 <211> 1007  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(1007)  
 <223> n = A,T,C or G

<400> 7605



cattctgtcg	ccgatcagcc	aagcacagtc	gctcgttcac	tcgtttacaa	gtccgagtac	60
ataccaatac	aagtccaact	ctatacacac	agttatacaa	ctgccccaac	tatcaaccgg	120
aacaccagtc	gccagcataa	ctcgttcgct	tctcgactca	accatggctc	gctcgctcgc	180
tcttctcgcc	ttttccagcg	ccgtcctggc	tgtctaaacc	accaccgtca	agcttctgct	240
gccctttgcc	gateccacgc	ctctcgttgc	ctccgtcgtc	gccgcggaca	gctcgggccac	300
gacctatgcc	gtaggatgcc	cgccaggcac	cgattccgat	gagtgtggct	tcgcggagag	360
ccaaaccatc	actcagggcc	catctaccta	tgccttcacg	atggcttact	ctggagatga	420
aggatcttac	accgagattg	cccattgcaa	gctctccagc	gcagtcgacg	tcgcctcttg	480
cagcgcctcc	gtctcccagg	acgacggcaa	cggcaacacc	atggccaccg	ccagcgtcgg	540
caccgtcacc	ttctggacct	gcagctgccc	gtcaccgtca	ccgccggnct	cgacaagctc	600
aggccgttcc	cggcgccacg	gcaccgattc	ttcggttcca	accggcaccg	gaccggaccg	660
gttcttccgn	agnttttttag	acgactgctg	cttccggagc	tgcgcccacg	acgctcgtca	720
ggcagacaac	caccaccggc	acccagaccg	gactacacgg	gcactcagac	cacctcgtcg	780
actgccgggc	ccacgacgac	caacgctgcc	ggagtcctga	acgctcga	cggactgttg	840
gtcgggtgtg	ctgcattatc	ggcagcgcca	tgatgctgta	aatggaacng	ataaagacat	900
gtctatgatg	ggttangaac	aagcgttgag	atttctttga	gcaacgcggt	gnngatcaat	960
tttgaatagg	gcttgaacaa	angcntcaga	tgtcctggaa	aaaaaac		1007

<210> 7606

<211> 102

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 7606

ngnatggctn	tngttgtttt	ctgtgtgaaa	ttgttatccg	ctcacaattc	cacacancat	60
acgagccgta	ancataaatc	tttttttctt	tttggggcaa	cc		102

<210> 7607

<211> 380

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 7607

attcggtcgc	gcctacagct	actcgtccaa	ctactcctac	agctgctact	ccaccaccag	60
cccaacaacc	ggcaagatgg	ctctcttggg	cggacacgag	aagaagcaca	aggtcaccat	120
tgtgggatct	ggcaactggg	gctctacat	tgccaagatc	attgctgaaa	acacgcgagc	180
caacaaggag	ctctttgaag	aggaggtgca	gatgtgggtg	tacgaggaag	acgtcagcat	240
ccncaagacg	tcaccggact	acgacgaggc	cgtcggcgac	gcttcccaga	agctcaccga	300
catcatcaac	aaatncnacg	aaaaacgnta	agtcctggcc	gggcattggn	ctggccagca	360
acatcggtcg	nccaaccct					380

<210> 7608

<211> 648

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(648)

<223> n = A,T,C or G

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<400> 7608
atacccacc caccaactca gatcccttca ggtcaatccg actcgagctt cccacaccca      60
ccaaccaatc catcgacgtc accaagcatc aaggcaccat cacgagaagc ctcacaaaaa      120
aaaaccacac caaccacaca tccacacaac ccgaacccga acctctctca accccaatca      180
accccaaaca aacaacaaca aaaacaacaa catcatcatc aacatcaaac aatgtcaaca      240
cccctcttcg gcatcgtccc cgcggccacc ccctcataca gcccacact cctccccatc      300
ccccacatcc ttctctctacg ccctcccccac gaacaagccc ttctccacat cgtcgtcttc      360
tctctccggc atcgccctccc gacaactccg ccgcccgcgat atacctacca ccgcccgcga      420
ggccgcccga gcccgcgcca acttccgctt ctcggcgcgat cggcccggaa ggagagcgcc      480
atgttaaggt cgccgcccgc ccggctccga gacgtaccag atgcgagcag tagccacaac      540
agcagcagca gtgacggggg ctcatgattg gnatnttcgt cgagcccgcg acgcccgtggc      600
ccgngctaca agaattggcg caacaagcga acaacacaac aagtttct      648

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<210> 7609

<211> 757

<212> DNA

<213> *Tricoderma reesei*

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

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<400> 7609
nncattcact ctttctttga ccaatctata ctttgttctt caagaacctt tccaaaaaca      60
acaaaaaaga caatcaagat gcgtttcacc gtcgccgtg ctgtcctggc cacctcggtc      120
ctcgcccagg agcccatctc caccgactac accaccgagt tggtcaccat caccggcctgc      180
cctgagaccg tcaccaactg cccggcccgc agcagaccac ctccgtggca ccaacaccat      240
ccccctgacg acctcgaccg tctacgccac ctcggtccac accgtcgtct cctgcggccc      300
tgaggtcacc aactgcccgg ctcacagcac cgtcctgtcc accgagactg ttgctgtctc      360
accaccatct gcccggtcga gggcaccag accgnogtcc cgtgcctacc acccaagcct      420
ggtccaacag caccggcgtn taccaccgcg gccctgttgg cggngagagc tctgttccgt      480
ntnecgtccc tctacaagca ttcccggcgn gtcttttttt ccgntacac tggtcocgnt      540
ntccgtancc cgtaacagcg gttgtggtct accggcttgt ccgtagtttt gtgcccgttg      600
cccggaagtc gtcgtgctgg gacaanacta acacggctta cttggtgata caaantgtgc      660
gtccttgggt acggccgtgg ngggttccgg ccttgaccg ggcgtnntcc anccacggct      720
tgccgnanga acatgngttt tctcgtaggg ggttgtt      757

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<210> 7610

<211> 475

<212> DNA

<213> *Tricoderma reesei*

<220>

<221> misc\_feature

<222> (1)...(475)

<223> n = A,T,C or G

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<400> 7610
tcgtaacgaa acnaacaaat cagaaaaccc accgcccac aaccttcagc cccctcaaaa      60
accgccacaa tgcccgctcat cgacatcaag tccaagcccg aattcgacgc cctcacccaa      120
acaacgcctt acgtcgccct ccaagcccac gcaacctggt gcggcccctg caaggccatc      180
tccccgtctt tcacaaagca cgccgacgcc ctcgccgtcc ccgaaaagtt cgtcttcgcc      240
cgcttcgaca ccgacgaggt ccccgacctc gccatggagc tcggcatccg cagcatcccc      300
gccttttacg tctttgaaaa cggcgaagaa agagcgagac ctcaccggcg ccaaccggcc      360
tgccctgcag aaacttgggt gaggctactg ctgaaaagnc aagacggcct aagtttctac      420
acgccaaacn gggacgaaga cgaacaatan ggtaaagtgc gttgagaagg aggga      475

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<210> 7611

<211> 267  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 7611  
 ntctcttctt tccttccttc cttccttntt tncttccttc ctctcttctt tcnttccttc 60  
 tttccttctt gnttccttc cttccttctt tctttcttgc tttctttctt tontgctttc 120  
 tttcntgctt tctttaaaaa caaaggatan nggggctagg gnaaacccng attgaactgg 180  
 aaaagggttcg gcgntccgca tctttttgaa ccagaatacc tttcaccctt tggccttata 240  
 attcctggaa ttccttctt tnacctc 267

<210> 7612  
 <211> 789  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(789)  
 <223> n = A,T,C or G

<400> 7612  
 tcgcgcatc agtcgccaa cgctcattcg gcctcggacc tcgtgccaaa ccatacagtc 60  
 gaagacgatt gccactcct ttggatatac acatagacca gcacgtttc atcttcaaac 120  
 agcacaacca ccgccaaagat gaagtctctt accactctcg tctgctcgc cgccgcctgg 180  
 gcgtctctgc ccaccccagc ggccacgccc acaagcgcgc ccacaactct gccgttgagg 240  
 ctgcggcgga ctctgcatg gccaaacaagc ccgccgaggc tgctcccacc accaccagcg 300  
 ccgcccggcc gctntaccac cgccgntgcg gcccagctc tcggccccgc gaccgtcaag 360  
 cccttctgcg gcggcaacaa gcaagcgcgc cacggccgc gagatcgcta caanggcaac 420  
 gtcggcgccg gcggttctac ngntgcaaca tcatgaccgt cgacgagagc tggtcgacga 480  
 gtacaataca ccatggtttt gagaacgccc gcgacacacg acctgctttg ntggaacaag 540  
 atcgccccga cggcgcatna acggtttttt aaggcaacca ggccattacc ttcacgtcgc 600  
 ccccgngnga agcangtcgt cgccgtcaca ccaactccaa gtngggtgng ctgcgggctg 660  
 nggncctgac ttgaccccat tcggcaattc gcttcaactg ggtcgaggcc ganttgnaac 720  
 tgtcaacgng gnggtccggg cccatgcttn tcttggtcgc gccgttgcg atgacatccc 780  
 cggttctng 789

<210> 7613  
 <211> 728  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 7613  
 tcacccctcc ttttttttct ctccttctcc aacttccttt ccacaccgna gaccgcgct 60  
 cttttttctg cgacgaccaa atcgcaatca tgtctcaatc aggagccaag gtttcccccc 120  
 aggtctcgga gggagttcca gaagctcaag cgaagcaacg acaagaaccg agctcctgag 180  
 atacatcatc ttcaagctga ccgacgaact actccaagat ccgaggtagc agcacgctga 240  
 gccgacagc gactgggaga acttcgcgca gaagctctc agcgccacct ccaagagcaa 300  
 gactggtgct gttggcaagg gtccccgcgt acgcccgtc cgacttcggc ttcaagtttg 360  
 acggnccaga catcaacaag atcatctca ttgcttggtc tcccgatgat gccggtgtcc 420

accccaagat	gatctacgcc	gccttcaagg	aggctntnaa	gcgatccctg	gaaggattcg	480
ctacgagatc	caggccaacg	actctgacga	cctcgagcac	tnttctatcc	ttcagcggcc	540
gtcctcgcca	agaagaacgc	ataagcgaca	cctggactta	cgacgatctg	atgcagtgat	600
gcaaggggat	gcgagggaca	gctnccaacc	gggaagnaaa	agaagggagg	cctggccgng	660
ngtctttggg	taaaaatggg	cgtgctggat	cgaggggggc	tntgcttttt	ccgtgggtag	720
gcatgggt						728

<210> 7614  
 <211> 473  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(473)  
 <223> n = A,T,C or G

<400> 7614						
ccgcgtcgcc	tccacgtcga	cgcaccccg	cccttacctc	ggccccgtgg	gcggcagagc	60
ccccgagcac	acgcacctcg	cccagctgac	cgacgcccag	ctcctgcaga	cgtggatgtc	120
caagccccgc	gtcagcgagt	tctggggcga	gtacaagccg	ggcttntctg	agggcgctct	180
gcggcagcgg	cactcgttcc	cggccattgc	gctgtggaac	ggcatccccct	ttggctacgt	240
cgagatctac	tgggtcaagg	aggacatnct	gggccggcnc	ctggccaacg	gcgcggggga	300
ctttgatcgc	ggcttgcatg	tctttgttng	gngaggaatg	ggcgaggggc	aaggggtgct	360
tgtgtggttg	acnagctttg	gtgcagtggg	ggcttttctt	gaaacgataa	ttcggaccat	420
gaaccgtttg	gcttgaanc	ccgaggggtt	gataatangc	gcatgtttgc	ggt	473

<210> 7615  
 <211> 735  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 7615						
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gatctcgag	ggcaaggccg	tcgtcgacgc	cagcaaggcc	gccggcgctg	agcacatcat	120
cttctcgctc	ctcatcgacg	ccacaaaggc	cagcggcgcc	cggctgcccc	acatctcgca	180
ctttgacggc	aaggcccgcga	tcgaggagta	cattcgggcc	accagcggcg	tcaagggcac	240
gtttgtcctg	ccgggcatgt	tcgatgacgg	cttcacgacc	atgattcgcc	cgaatccgcc	300
gtcggagccg	gctgggtata	cgctggcttt	gccggtcgac	ccggataagg	cggaggcgcc	360
gttggttgct	gccgctgagg	atatgggcaa	atttgtcaag	gctgctatta	aaaacttccc	420
gttgcaagac	cggaaccgc	atcctcgccg	cgacagacta	ctacaccatt	caccggctca	480
tctcggagtt	tgccgaggtc	atgggcaagc	ctgcgcacgc	cgtgcagatc	cagacgacaa	540
gttcaagtgc	ttcctgtcgc	ccggcggaag	cgcaaganct	gctgganaac	atgaagttgt	600
ggaaggncca	nggtattatg	ctggcgagag	tcttgggggg	ctaatttttg	cgttggtgga	660
aaaanaance	cacgacttgg	aaggagtttg	tnaanaaaac	attaaagaag	aagtggnttt	720
tacttttacc	cttga					735

<210> 7616  
 <211> 720  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(720)

<223> n = A,T,C or G

<400> 7616

tgtttgaatc	acgataactca	catgacacgc	tactagtatc	agccgctcaa	ctccctccag	60
cccaccctca	tcgcaacacc	accacctccc	atcaagcatc	atcatcatca	ccaaccccc	120
aaaccaaacac	atccccctccc	ctccaagccc	cgctaccac	ctcaccgcga	agaatgaccg	180
acggcccaat	ccgcctccgc	gaaaccttcg	cctcgacgcc	cgtctccgcc	cacaacgacg	240
cctgggacgc	cctctacgca	gagtccttcc	acccctggga	ccgcgcggga	ccctcctcgc	300
ctcgcgacct	gctcgcccag	cgaacggacc	tcaccccgcc	tccgtcgaag	cgcccgact	360
cctctcctct	tctccggcac	ggcctcatcg	cccgcgctg	gcctggttcg	ggctgcggt	420
cggcacgacn	tctgctgctg	atgcctgggg	tacacgtngt	cggctggatn	acagcgcccg	480
ggcgttgagc	tgcgcgcgag	aacaaggnc	angcgatgc	cgagggggcg	atatgccgan	540
tatgttaggg	gcggcggtt	gcaagtggcc	gggtgmnntt	gggttttcgg	cgaatTTTTT	600
nggacttgct	tggggaagcc	gacgcgggcg	naacaagttt	gacttggata	ttcganaca	660
cgggggngcc	accgaacgaa	aanggaaaa	gnganggaaa	anaggcttta	aacaagatga	720

<210> 7617

<211> 771

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(771)

<223> n = A,T,C or G

<400> 7617

gcggaatact	acaaggctgc	tcagtccgac	ctcgaggcgc	cgccggagat	gaagccctgg	60
gagcggatc	tgccgtctgc	caccgtgggtg	gccctggtgc	tgggcttnat	cgccgcgcgc	120
gccatggtct	acgaggagcc	ggcgccgcgg	tacaggctgt	tccgggaggt	gtngacgtcg	180
cacgctaccg	tgggagccct	catcgccatc	aatgccttgg	tatatctggg	ctggaggata	240
ccgcgcgtgt	ggtctctctt	caaccgctac	atgatctttg	tcgtggccac	tgtcgaccca	300
ttacgctgtt	caccgcggcg	ttttcgcata	ccaagcttag	ccacctgttg	gtcaacatgg	360
tgcccccttg	gttcgtcgga	acgtgcctgc	acgacgagat	tggacgcgcg	gacttctctg	420
ccctctatct	cggatgcggg	tcggtggtgc	tcctcggcag	cttgatcacg	tacacgctca	480
ggggctggct	gacggtaacg	tctntnggcg	cgtcgcgcga	acgctggggc	tgtgcttngg	540
ctacttttgg	aacatcgacc	ggatgggttc	aaganccttg	ggcttgccca	aggatggtgt	600
ccacggnatt	gtntttntgg	cgcttaatcg	cggcgngnca	agttgaancc	ggcttggggg	660
anacgggaaa	cntaaaggng	gacattgntt	tccatatcgc	cggtatgatt	gntgggtatt	720
tttggggatt	gacttcttga	ataggaaaa	aaggaagaan	accccnccgg	a	771

<210> 7618

<211> 896

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(896)

<223> n = A,T,C or G

<400> 7618

gcctcgaaga	agctcccgcg	gacgacggca	ccgacaatca	cctccacaaa	gggcgcgcgc	60
gttccctcac	tcggcgagat	tcctctacgt	cttctcacgc	cgatatccag	tcgatccagg	120
agggagccga	gatcaaggga	aagattgtac	tgctgatgcy	cggaggctgc	gggttcttgg	180
acaaggatcat	gtgggcacag	cgaaggggtg	cgattggcgt	tattgttggc	gacaacatca	240
agggaggccc	gctcatccag	atgtttgctc	acggcgacga	ggtcgacgat	gtgacgatcc	300
cctccgtctt	cacaagcccc	gacgactgcg	cagctgctct	cttcaactgac	gcaacccggc	360
agcttcatcg	aggacacgct	ggacgacaac	ggcaaccccc	tcttcaaagt	acaacagggc	420
tcgaaagcca	ggaagagcaa	gagcccggtc	tccaaaaaga	agacaccatc	aagaagccca	480

agagctcaag	caaggaaaag	cgaagcacia	gcgcaaagaa	aatagaggcc	gaggatccgc	540
caatcaattg	gttctcgcgt	cttcttcagc	tgggcacgtn	ttntcgcggc	gtccacagcg	600
aaagcagacc	gccacagtgg	acaagctgga	ctgggttatt	ggtggaagac	tggaatgacg	660
agcaggatac	caccatcaag	cccagcacgg	gtaaaccaa	agaaacagcc	naagcgaccc	720
aaggngggag	gcgacnattt	ttgattgggg	ttnaggactg	gcgtgacctt	gattttttgg	780
gccaaagcca	aggtggcggt	tggangaagc	aaggaccctt	ttaggcaagt	ccaatgcca	840
aagcggngtn	ttcgaccaag	aatttttgcg	ccgatgaacc	caanggangg	aacctt	896

<210> 7619  
 <211> 611  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(611)  
 <223> n = A,T,C or G

<400> 7619						
aaatgtccga	tagcgacgac	gagcccatca	ccctctcctc	ccacgccctc	gaggccctcc	60
gcgcctttga	ggctgaacgc	gaagagcacc	aggccaagtt	ccagaagctc	caggccgagg	120
cggagagcaa	caacagcctg	ctctccatcg	acacctttgc	cgaggactgg	aacgagtctc	180
agttctggta	ttcagatgaa	actgcaaata	ccctcgccac	ggagctgctc	agagatgcaa	240
cgagtgcacat	gaccatcggc	gtcgtctctg	cgccgagcgt	ctttgtcgct	ctcaagaata	300
tactgcgag	taaaagcgac	catgagaaac	caaagctggt	nctgttgag	cacgacaacc	360
gcttngggcg	tggtcccaga	gttttcgttc	tatgactttt	nacagncagt	tnaaattggc	420
aaggccatct	gaaagggntc	catcgacaag	aattatttgg	ngacccccca	ttnttgaacc	480
gaanaatngc	caaaaccaa	gcccgccttg	accggttcgg	tggnnttttn	aaaccaaccg	540
gggggcccgg	ccggcanctt	ggttttaatt	ggttnggncc	cggnaaaana	atgggagtnt	600
ttntttcttt	a					611

<210> 7620  
 <211> 929  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(929)  
 <223> n = A,T,C or G

<400> 7620						
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tgtcttacac	gcaaaagaa	aaaacaagct	caactcgctc	acgccttttt	tgaatcacac	120
ccaaaaccgt	cacaatgcgt	ttctccattg	tctgtccgg	cctcttcgcc	gcctggctgc	180
cgcccagtcg	agctccagcg	ctgccaggcc	ccgtccggga	cccagtcgct	cagccctgcc	240
caggcctctc	aggttgccctg	catcaaggcc	tgcaaggctg	gtgacgttga	ctgccagggt	300
cactgcattg	ctgtgccctc	gccccaccag	tcccagggtca	acgccaccac	gcagtgcgtc	360
gccaagtgcc	cccaggggcaa	cggcagcgct	gcccagacgc	agatctacaa	gacgtgcatt	420
gacaagtgca	tcaacgacca	ctacttcgtc	acctctgagg	gcactcccca	ggccactggc	480
gcccccgga	acgacaacca	ggcttcgggc	accgctactg	actctgccgt	tgcttccacg	540
ggcaccgaca	ggttcgcgac	tgacttcgag	tccactggca	ccgggactgg	gaccgcaccg	600
gcacgttgac	tcgcaccagc	acctttacca	ggaccagttt	tgncctttgg	agcgccacga	660
ccaacgctgc	ttctgccatg	attggctttg	gcgggtgctt	gatgggtgtt	tttgttgctt	720
gttggtttgt	aagcacacct	agtctgagtg	gttcgcagat	gctgttgctt	tttttttaca	780
agttcttgg	ccaagtttng	gttgggctaa	tggaangggg	ttaatcttgg	ttaatgggtc	840
aatgatggag	atnggtgtat	ttacctcgag	tttgatatca	ccgggaataa	ccgtncctaa	900
taaaatagcg	ttggaacccg	aaaaaaaa				929

<210> 7621

<211> 583  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(583)  
 <223> n = A,T,C or G

<400> 7621  
 caagtactcg agatttttgcg aggaggcctt cccaccagtg ccgtcaatgc ccctatcadc 60  
 ctgcccgaag agtaccgcaa gctccaaccc ttgttgcaac tgattgagaa gatgggcccgt 120  
 ctctacatgc agcatttcgt cagggtccaag ggaggcctcg ttggcggacg cacctttgaa 180  
 ctgggtctacc acggcgacct ggctggaatg ccaacacgaa acccgctgta cccagcgctg 240  
 gtaaaggggc ttggtcncctt ttcaangaga ctcacgttaa cattgtcnac gcgacgcttg 300  
 attgccaaaag ganaagggca ttaaagataa gcgaagacaa cttccaccac caggcgaaca 360  
 agacgtatgc caacctgggtg acctnaaagg ccacccaaaag gacggnagcg ggcaacaaan 420  
 caatgaaggc taccttcngg caaccgggtg nacattttnc aacttgaccg gtttaacgcc 480  
 anctttancc ccgagggcac ccattgatca ttcttgnacn actatgacaa nccggggccaa 540  
 gaaatggagg ncgtcgncan ttgtgcttgg gcttccaccg gat 583

<210> 7622  
 <211> 716  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

<400> 7622  
 ctcgttttgc ggccctcgttt tttttttcct ttgtcccagc aaccgcgagg atttcgtcta 60  
 ctatcaggta ttgcatggca tctcctctct agcgactcat agctttggcc gactctccat 120  
 ctatccgccc ccttcacgat gcgcctgccc gtggctctcg tctcggcgcc gctgcttggg 180  
 gccgcccagg catctgtcgt cgtccgacag gacaacgccg gccagattc ctccacggct 240  
 cccgccccga ccgcccggagc tgacgactcg tgcacctctg cgccgccttc tcagaccacg 300  
 ccgcccccca gctcgacgtc ctgcctctcg tccagcagca gcaccagccc ggccgacagc 360  
 gacaccaccg tcttcgagac cgagaccgtc acgggcgcgg gcggcaagac cgtcaccagc 420  
 acccgccactc tgacggcgac gagcggcacc acggttgtcg tgacagccac cgtctttgtc 480  
 accaccactg ttactaagca gcggcgggcga gacagccacc aaggctcgtnt acgaaccacc 540  
 accgtcttcg cgacgcccac cgacagccng gccgcccaga agcgcgctgg cgagattgag 600  
 cctaggactg gagtgccttg ccgctcctac cggtgccccc gatgccgaac tatntggccc 660  
 ggtctntggc cttggggcgac ctggangcgc gccgcactct naccgcgagg cgtaac 716

<210> 7623  
 <211> 645  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

<400> 7623  
 attcccccat gccgggggacg tatccccgcc aggtcagcga gtttgacacg agtctggggc 60  
 tgaggctgga ttacgaggcg tgtttgccgt atcttgctt tccgcctgta ggggcgggtga 120  
 ttctcttgat cttggagcgg aatagcgact atgtcaggtt ccacgcctgg cagtctgctc 180  
 tctctttcac agccatcatg gtcttccacg tcttaatctc ctggtcgtcc ttcttgagct 240

ggatcttctt	cctcggggac	attgttctga	ttggatttct	cacgctgaag	gcatatcaag	300
acgcagaaga	tactagacag	atacgaagtt	cccttcttcg	gaaggatagc	cgagcagatt	360
cctagacgac	gaagtaaacg	ttagagcggc	gcgcgcacgc	ttttcattnc	atTTTTTTTT	420
ctctctatgt	ggctctgggc	tgggctgggt	tggatgtaaa	aggatggggc	ttcgggtctgg	480
ttccggcttt	gttctcgtgt	cnctggacat	cttggttgga	tgcccatgca	tggttctggc	540
ccctactact	acacttaata	tacccctgt	tctctggcga	cnttatataa	ctgggtgcag	600
cccatttcaa	ggttccgaaa	taaaccatgt	ggtatgcttg	gtcct		645

<210> 7624  
 <211> 653  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(653)  
 <223> n = A,T,C or G

<400> 7624						
tctcttcaaa	taacaagccc	ggtgctctct	tgcccaactgc	tctccctctt	ctacaacatc	60
tacaagccga	atatcgagcc	ttacgagtc	agtctcaaca	cacccaaccg	tcaaaatgca	120
gttcaccacc	ctcctcgttg	tcgcggcgcc	tgccgttgcc	gctgctcaga	gcacctcgac	180
tctgactgcc	acgaccacca	tgacctacac	catcaccacg	tgccccgaga	gcgtcaccaa	240
ctgccettac	cgcacccttg	ccgcagcacc	tctgaggccg	ctgcaccacc	gcgcctgttg	300
aggtcaccac	ctctgcccgtc	gagacctcca	ctgcccgtccc	taccacctac	tccccatct	360
ggagcgtctc	caactcgacc	tctgcaccgg	tggtggacca	accccgttgg	accggcggtc	420
caccaccatt	gtcatgggtc	ctntggactg	gtgctaacct	accggcctgn	tggcaacggt	480
ccttcggcct	tntggccctt	tgggatggcc	cccttaccgt	ccttacaagc	ggngttgcaa	540
acanatgggt	tantccggcg	tcttcntgtc	gccgtccntt	gccgttttcg	cccttggtt	600
tttaagcgca	catttacact	tttttttaac	tgnttggngc	caacagttca	ata	653

<210> 7625  
 <211> 777  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> n = A,T,C or G

<400> 7625						
tgtatggccc	cgtgtggaac	tacatgatgg	ccgggtgtcc	ggccgctcgtg	ggcacgctgt	60
gggacgtgac	ggaccgcgac	attgaccggt	tcgccggcag	ggcttttgag	gaatgggggc	120
tctttgccag	gggcacgttt	gacctgtcga	cgtccttgtc	gggcaaggcc	aaggccaagg	180
ccaagggcag	ggctaagagc	tttgccgagg	aggtggacca	agtgaggctc	gatgctcctg	240
cttcagatca	tgcttcgctt	gcggaggcgg	tggcgagggc	gagaagcgcg	tgctcgcttca	300
agtatctcaa	cggcgcggcg	gtggttttgt	atggaatccc	tgtttatatc	aagaaggagt	360
gaaaaaggac	tcttggaac	gatgacacta	cctgggaaaa	ttggcttttg	gtnaaaggga	420
atcgagccgg	gataaaattc	tacaaggggc	taaacggtgg	aaagaacgca	aatgattctc	480
acaataaccg	agatacaacc	gaactaatga	catgaatgac	gaccagaaag	caaacacaac	540
gatgagagta	ctatagcggt	tcttttgga	agatggcggg	attggacatg	anaaaaaggc	600
gangaaggca	ttgcttgctt	tattgctttt	gaacatcttt	tggctctnng	catagcgtgg	660
gggaagtctt	tggtcgnntt	ttgggaaana	tgaaattgaa	tnnggattttg	atgctattca	720
anacactttt	ggacgaaaag	gggaaaaatc	ntgatttccg	ggnggggttng	aaaaaaa	777

<210> 7626  
 <211> 513  
 <212> DNA  
 <213> Tricoderma reesei



<220>  
 <221> misc\_feature  
 <222> (1)...(513)  
 <223> n = A,T,C or G

<400> 7626  
 acacttttcaa caacaacaac acgcaacagc aagaccaaca gcaacagcag cagcagcatc 60  
 atcagtttgg tgatttcaac aacagcgaca ttgacagcag caacgaccag aaccaacaca 120  
 ccaacaacct gctcttcgac gacttcgcct ttggccaggc cgacaacgac tttgagttct 180  
 cgccatcgtc cttctcgtcc tcggagctct catcggccaa tctcgagtat ctcaacgccg 240  
 ccatcgctc tgccttcccg tcagactcga tgcggcctga ctcttcctgg gacaccgccg 300  
 ctgcgtttcg actccttcaa agttcggccg tctcctacca agcgcgagtc ctctttgcgt 360  
 ccctcgggtt ccacgggggc cggcggtcgg ccctttaact tcgcacatcg gcgaaaccct 420  
 tcacatnggc cgtttaccga cgnccaatgg gtgaacnggn tttcattggg acattgcact 480  
 tcgcacgaan atggttttgg ccattgaact tta 513

<210> 7627  
 <211> 539  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(539)  
 <223> n = A,T,C or G

<400> 7627  
 atgagtgccta ccgcaagact ccattccccc catgagcttc ctctccgcgc tgaggctcgt 60  
 gttcccacaa tttgccgaaa agtccaagag cggctctgga tatgcccagc aggatgctga 120  
 ggaggcatgg tctcagattg ttcagcaact gggccagaag gtcacgatca agtcgtcccc 180  
 cgatgagcct ggtgtttctt tcgtcgacaa gtacatggca ggacaattca cttncgtcct 240  
 tgagtgcgat gaggaggaag cgcggaacgg tggcgaacaa cccgtcatct cgaaggatac 300  
 ctttacaaac ttgactgcc aattgacagt nagacaaacc acctgagggg tggcattctg 360  
 gctgncctca ccgagaagtt ggagaagang tcggangtgc tgggcccgtga cgccacttac 420  
 accaagacgt ccaagaatat cccgagcccc caagtacctt accgncccac tttggtncna 480  
 ttcttttngg aaaaaggga acncaanaag aaaggccaan gattattcnc caanggtct 539

<210> 7628  
 <211> 538  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(538)  
 <223> n = A,T,C or G

<400> 7628  
 ngctttttgc aaggttctga tttgtgagct gaacacgata gcaaattgtca ctgcgtgcct 60  
 cgacttcttc gtaataccat ccttttgcgc aaaaccacgc tcgtttcgag tgcgaaacag 120  
 gtccctacgga gaaaacagcg atagggaact cgcgaaacta aactacagta cagcattatc 180  
 taaacaatcc cttattgtct cggctacgga acgacaataa gccgcatcgg ctcatcatga 240  
 taatcgacaa gatcccatg gngttgttgt ttggtgctcg catcgcgcta ggtgcggatc 300  
 tccaacccat ccagatcaag ggctccaaat tcttctacga gaacgggact caatttttcc 360  
 tgaaaggaat cgcgtatcag caggattngt ctgccaatgg gacagactgc ccacccgaca 420  
 cgaaagttac ccgatctctg gctaattgga gcaaactgca agncgtgana tccctctgct 480  
 tagnccgaac ttgggggacct accnggaacc cgacctang gcgaancgat ccgaactg 538

<210> 7629

<211> 748  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

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<400> 7629
catcatggcc tcattcgccc tctccgcccc agcaaacacc gacgtctgga agaaaccccc      60
ctcccacgac gtcttcaccg cccctctacaa atccctctcc aagaaccctt ttccaaaatt      120
ccgctccgca agcctcacct tcacagcaac atacacccac caattcgacc aagccggcat      180
cctcctcctc ttcacccgtc cctcctccag cccccccgc aaatggatca aagccggcat      240
cgagcacttc aacaacgcgc cccgcctctc caccgtctgc tgcgacaact gggccgactg      300
gagcgtctgc cgacgtcttc ctcttccgcg gcagacatcc aggcgggtgc caanggccgt      360
gaccattctc gtggagaggc tggatgcccc tgacgggtcg tgcttggtgg tgtatcnggg      420
tcaaggcgca caagaagacg ccgatgaagg gagaatttgc tggccgtatg gcgaataatg      480
ggggggcaagg atgggaactt ggaaggtttg gggcccttgg tnggccaagg ncccaattaa      540
nggattgtga aaggatgaac ttggganggt gaaaatttgg ganggggatt cgaagggtcaa      600
aaggggggac caatgcttta aaaggctgct gcttntnttt caaggnatca tacattccag      660
acactttggc ttatgggnatt tgggtggttt tttncaaaggg ttttcatcat aggttaggctt      720
atacacaaga actcatgata gtcaccgg                                     748
```

<210> 7630  
 <211> 864  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(864)  
 <223> n = A,T,C or G

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<400> 7630
cggacgacaa caaacacgcc tctcgtttct cttgtgtgcc gtcccagaca gtgcgtcact      60
cgtttcagcg cactcccagc ggctcggatc tgtttctgct ccttgctgt tcagcactca      120
ttgccgggttc atttcttttg cgcgacaccg acttccaatt cccagcgcg tccgactggg      180
cttccaatcg ctcgaaaact gctcgaaaaga agaaaaaacc agcgccctcg ttacacgaca      240
cgacgcccga gcccggcacg gccttgggca tttgttcgac gacagcgaca ttccctgctt      300
ttaaattctaa atcgatctgt ttctgtggct tcaagccctt ggggagcgac aagacgcaca      360
agggaccatg cgacaagtcc gccgtgggtt gttgccttct gggccgcccg atcgggcttt      420
gcggctggcg acgtgctcgc ttaccaagaa ngtgtcccaa ggagtcgccc tgctgctccc      480
aatatggcga agtgcgcgct cggcgcgtac tgcctgggcy gctgcgaccc gcgaatgtcc      540
ttctcgctcg actcgtgcac gcccganccc gtgtgcaagt ncaagacgat gacgttcgac      600
tncaagctta acaccatcgg cgacattnag cgactacctg ggcgaccctg tcacggccga      660
gtggatggcc aaggcgaagc ccgcctacta cacggnaacg tgnctgntga cattgccccca      720
anaacaaggg tcggcaccgt ctgggcacca cccgagtaca tgtgggaccg ggaacgttaa      780
aggcaanttt aaaaacaanc cgnggccggg gcgttgtnac ggccctttttc ttctgtcgga      840
ccttaangga caanaattga cttt                                     864
```

<210> 7631  
 <211> 755  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G



<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(500)

<223> n = A,T,C or G

<400> 7634

caaccaccac	caatctcaac	gcgctctttc	gagccacca	caagctcttt	ttatgctcaa	60
gcgatctctt	cttcgcagca	acaacaacaa	gaaccgcac	atcaagcacc	tctcttcttc	120
ttctccaaag	acttccacct	ccgtctccgc	cacacgactc	ttctcaaccg	cacccaaaat	180
ggccttcttc	cagcgcaact	tctaccccg	gacctccttc	acccccctgt	tccgcctgct	240
gcaggacttt	gacgactact	cgcggcagac	aaacggnggt	tccgcgtcgg	gcccgcgcga	300
ccggcatcac	gccatggcag	ccaaagtctg	acgtgcgcga	aacggacgcc	cgcgtaccaa	360
ctgnacnggg	agctgccggg	atgaacaang	agaacgtnaa	cattgagttc	accgactcca	420
agacgctngt	cgtcacgggc	gngtngagcg	cactaaacgg	cggacgcgcc	ttgggcgcct	480
tganggtcca	agttgggcgg					500

<210> 7635

<211> 835

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(835)

<223> n = A,T,C or G

<400> 7635

ggcgagaggg	cagaaggacg	ggaatccacg	cgccattcag	ctcggattga	ctcagagccg	60
gaaacctcga	caaacctcga	tcaagaccat	tacctcctac	gatcaagaat	cctgtaccgt	120
cttcacaaag	ccactgaatc	ctctcaacga	ctgtacaaat	caccgcccgt	caccacctcc	180
tcatcgcttc	ccccccatc	atatcacaca	acacacacaa	agagagaaga	caaaaagaac	240
aaggaaaaaa	cacacaagat	gtcgtcctca	accgccggtc	ccgcgcggac	ccccgggggc	300
gacgtcgacg	cggcgaagct	ggccgtgctc	aaggagctgc	tgtacgagcg	atgccgcgaa	360
gagggcgaca	tgttctcgca	ggacgacctg	ctgcgcgatg	acgtgatccc	caaccgcgac	420
ctgctgctgc	tggcgcgcgt	ggtgcagtcg	ctcagcgacg	acaaagctct	tcatcacgat	480
gagggagggc	tcggggccagg	tgctgtggaa	gtggcgcgac	aagcaggagg	cgcacaaata	540
caagcagtg	acgacggacg	agcaagtcac	ggtctactcg	ctcatcgacg	acttcngcgg	600
ngacggnatc	tggacgcaga	cctccaaaag	cggggtcaac	atgcacgact	cggtccttca	660
agaacgcaat	taagcagctt	caggcaaang	ggctnattgc	gccctttaag	aacgtcgagc	720
accccaacaa	gaagatgtac	ataanggctt	cattcgcccg	aacgaccgng	ccacgggagg	780
gccttggtac	accgatcagg	atnttgacna	ggctttattg	aggacttgca	cgcgt	835

<210> 7636

<211> 610

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(610)

<223> n = A,T,C or G

<400> 7636

ggaccgcgtg	ccccagattc	atgaactcaa	caacatgtgc	tgccggcctgt	acgacgccgg	60
catgttcacc	cagatggaga	tgacgctcct	caacaccctg	gaatggacca	ttggccaccc	120
caccgtcgac	ttcttttacc	agctcatggc	tgccgaggag	caggacgaca	aggagggtgga	180
gcacatggcc	gcctacctct	gcgagattgc	cctgtaccac	cgcgatttcg	tttcgaccaa	240
gtcctccatc	atggctcgct	cctcattagc	cttggccagg	gccatcctgg	gaaggcccga	300

gatcaacgac	ggcgactggg	accacaccga	gaacctgacg	ctcttgaccc	tttctcagca	360
cctcaaccag	ccctcgccga	ccctggcccc	caagtactct	tcattcatccc	tgtccaaggt	420
ttcccagagc	tggccgactt	catggccgag	caggccgcga	tggacggntc	caggccaacc	480
cccagtcgcc	cctgcccagc	tgtctnangc	actccgacat	ctacagaccc	cccaaaaggn	540
cacgggctgc	cggcnggttc	gacgggtacc	tnacgcctcc	atcaccccga	caacgcctac	600
ggaaacacgg						610

<210> 7637  
 <211> 673  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 7637						
aaactcgagc	aaagccacca	tgtgttccgc	cgacatcttc	ctcggcgctc	tgcctatcct	60
cttccctccg	ctgcccgtct	gggtcaagcg	cggcatctgc	agcgcagact	ccctcatcaa	120
catcctcctc	tgcattcctc	gcttcatccc	aggcctcctc	cacgcctggg	acatcatcgc	180
caagttcccc	gagccgcctt	acgaatacga	cgccgtcccc	aacgacgagc	gctacggcaa	240
gcaaccgcgt	cacctacgtc	tacgtccagt	cccctcccgg	acctcaccac	cagcagccca	300
agccgcagga	cggcaacggc	cgcattgaact	acgggacgac	ctcgcagcta	caacaccaca	360
gcccgtcgtc	cagccgcagc	agcatggggg	gacgggctcg	ggagagggca	gctctgatca	420
taccaggggtg	tggcgccttc	gtatgctgag	gtcgttgctg	gcgaccacaa	gggtgcagacg	480
cgtgattaat	ggaagacaaa	gagataatga	tcgtatgccg	ccatcagccc	gaatatgtca	540
aatgataccc	caatacacat	gtacggaggc	agaaaaccgtg	gcggcgatgg	agacgcgtga	600
tatgctgcaa	cgaaatgngg	gcgaatagaa	agtaaaaaag	gngtttgctc	ttcaagactt	660
ttgttataac	cgg					673

<210> 7638  
 <211> 795  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(795)  
 <223> n = A,T,C or G

<400> 7638						
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gccgtcaaga	ccaagatgcg	ccagtccatc	ggtacttcgc	tgctttacct	catcggggga	120
gcaaacctcg	tccttgccgc	gtgcgagaac	tacagcttca	cgacatgcga	tgatggcatt	180
gtccactggg	acgatctgaa	ggacggccag	atctgcgacc	ccaaggactg	cggaggcggc	240
cgggctcctc	ccagaaccga	cgtgcccggc	tgcccctgta	ttcgggcacg	atcctcagcg	300
agccgatctc	gtacctctcg	tgcttctact	cgtcgaatgc	cgtgccagtg	acgacttcga	360
ctcctgctgg	cagtgtctga	acaactgccg	atgttgtaat	cacaagcgcc	atctcgacct	420
ctgacgctgg	aagaacgacc	caggagccgg	cgagcgagac	cagcactgtc	gattcgtctg	480
tcgcttccgg	taagccgtcg	accttgatca	cgactgctgc	ctcttcgcct	gcttccgctt	540
cgaccaagac	ttccattacg	agcccgggaa	ctnttttcac	taagagccaa	gctacccacg	600
caagctttta	acacaacgaa	gcggnagtgc	ttcaacgacg	tcgactacga	acgctggaaa	660
tggcggnngg	tggctcaatg	ggtggccgng	gctggagtgt	cccttggact	tttgcttttg	720
ttgaaaagca	aaggggtttg	ggttgtaaan	aggtattact	tgctcctaacn	caaaaaggaa	780
tcaaattttg	tggac					795

<210> 7639  
 <211> 898  
 <212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(898)

<223> n = A,T,C or G

<400> 7639

cgagttcctg	gccgactgca	aggcgcagct	gcgcgcgcag	gtgccgcgca	tcgccgagct	60
gcgggcgcaaa	gccgccgagg	acccgctcgc	gttttacgag	ggcgagcggg	ccacggacgg	120
cagcaacaac	aacaacatcc	tcgacgacgt	ctntgtggcg	gcgagctcgc	gcgtnancac	180
gtcggccagc	ctgttcacgc	ggtacacggg	gaaagcgggc	ancgtgggga	cngncggcac	240
gggggtcaac	cgggcgacca	ncaaaaaccg	gcggcgggag	gaaaaaaaaa	ccccccggc	300
ccgaagggca	ccgtgtacca	agaggantac	ctngtcaata	acctgcngcg	gctggtggaa	360
cncntggaag	ccttcaaagc	ggaagtcgan	aggctggtgt	ttgcgctcgt	gaagaaaagc	420
atggcggaac	gggccaaggg	cccgcggaag	cgctnatggc	ggatgtcaca	aaagccttgt	480
gaaggtgctg	tcaaagatgt	atttgccgtg	tcgggtgagc	aacaacaggc	acagcagcag	540
gaacatatac	agatacagac	gcatgctgat	gaaggggtgc	atgcgtggaa	ngcctcgggc	600
ngggaaggcg	tnttttaaga	ntgggatgca	agaacaactg	canggcaaga	anatggaacc	660
cgccgtgatt	tcnnggatga	anaacttgtc	ctgcttgagg	tgatgatgat	gatgatgatg	720
atgatggggg	aaccgantnt	gggaactggg	ttcttgattt	ttttgctgag	gnatgatggt	780
gcatgtatgt	ccaaaaaana	tttttatgtg	ggngcttnaa	taaaaataag	ggggattggg	840
agggggaaaa	acttcctatg	aatcnttcca	attccccnct	taaaaaaaga	aaaaaaaaa	898

<210> 7640

<211> 573

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(573)

<223> n = A,T,C or G

<400> 7640

tgctccgcac	aaccctcacc	aagacggcnc	gctctccgtc	ccctccgcgc	cgcattcacc	60
accactgccc	gcgccatggg	cgaaggcgac	actggcgctc	cccccaagac	cggcggccaa	120
ggcgacgcct	tccagcgccg	cgaaaaggcc	gccgaggact	acgccatccg	ccagcgcgaa	180
aagggaaaagc	tgctcgagct	caggaagaag	ctgacccgag	cagcaggagc	acctcgatcg	240
cctcgccaag	ccattgacga	gattaccaag	gagcagggcg	gcgaacaaaa	ctaaaaggaa	300
tttgttgtaa	ccggaccttg	cacgaaaaaa	aaangcagac	gagtcgctca	tcatggcatg	360
agggcgggctt	gactgggcag	ttcaaattgt	attattaagg	tagaaggcaa	caacagccct	420
tcgggggtcc	gaatcgcgca	tacatcatga	ttgcgttatc	tggtcatcgc	ctagccacga	480
tccgtctgta	aagctatatg	aactcctntc	acttnttgga	ggaaaaagaaa	aaagaaaaaa	540
agaaaaatac	cccagtcctt	tcgaanaaaa	aaa			573

<210> 7641

<211> 406

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 7641

ggacgatccg	ggatatcgct	gctcaccgca	ccaccgcggg	cacgttgat	gtctcgaccg	60
acgtcggcat	attccgctcc	acagactcgg	gcacgacctt	tggccaagtc	tccaccgccc	120
tgaccaaacac	ctaccagatc	gccctgggtg	tgggctcagg	ctcgaactgg	aacctgtatg	180

ccttcggcac	cggcccgta	ggggctcgcc	tctacgccag	tggagacaag	cggcgccctcc	240
tggacggaca	tccaagggct	cccagggctt	cggttccatc	gacagaccaa	ggtcgcccgc	300
agcggaaagac	cgccgggcaa	gtctacgtgg	gcaccaacgg	ncggggcgtn	tttacgctta	360
agggaaccgc	ggcggcggca	cnggccggaa	cttctctgtc	gaccaa		406

<210> 7642  
 <211> 285  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 7642	
ncttggcaaa	60
acatgttccg	
acacacgang	
cggngcctgg	
ctgntgcngt	
ggncaaagct	120
gtcagagccca	
gcgcatacac	
tcttgccntg	
tcnggggcgc	
anggcgttnc	
tctagggctg	180
actggagcca	
tcngaaacac	
gcccctcatg	
acctcaaccg	
ctctcngaag	
agacgggctg	240
tanatctcgg	
gaggncgagt	
tatgaaccct	
gcggatgatc	
aaggaccgcg	
caactgctgt	285
acgtcggcaa	
ggacgccgag	
gagctgcggc	
ctgctcaagc	
cgggc	

<210> 7643  
 <211> 775  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 7643	
caggaagcgg	60
gcggaaggng	
anaggcgggc	
cggggtcaag	
cccacgtcgc	
cccagcccga	120
agacaacgac	
gagaacctca	
cgccggaaca	
gcgacagaat	
cgcgaaatcg	
acagggctct	180
cgacgccgnc	
atgaagaacc	
gggggtcagc	
gcccagcgc	
cggagaaagg	
acgagattga	240
tctcgaggac	
naaatcgacg	
agcaagttgg	
ccgcgctcaa	
ngtccagatg	
gaccgtgcgt	300
gccaaggccg	
acaaccaggg	
cgccgcgaag	
tcgggacagc	
ccgccttgna	
caagcttcaa	360
gctggttgcc	
cgaggtcgcc	
gggcctnttn	
aaccgtaaca	
atggtttnaga	
cgccgtgggt	420
cgatcccnca	
ccaanttttt	
gcagacgtna	
agttcttctc	
aagccgtcaa	
cgacggttcn	480
ttgccgctta	
aacatcaagc	
gcgacatttn	
accggccttg	
acgcgcttaa	
cattgaaaag	540
gangctnttc	
ttaacaagcn	
gnattcggna	
aggtcgtttt	
gttntacacg	
aggagcaaga	600
agccccgagc	
ccancattaa	
agcccatggg	
ccnaccgggt	
gttgggaaaa	
tggaaaccgc	660
ccattcttaa	
gcccgaaccg	
cgactacaag	
aagcgcacac	
tttganaccc	
ncgagttttg	720
ataccaagnt	
tgccaaantt	
ggnttaacgc	
cggaagaacg	
gnttttaaat	
taaccctttt	775
ccaacgaacc	
ccnccaattt	
tgcccncaac	
ccccaaccac	
aacnggtgnt	
gggtt	

<210> 7644  
 <211> 741  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

<400> 7644	
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gatntcggtn	
acgangctct	
atcttaccag	
ntacctcctg	
tcctctctcc	120
ttgaagnnca	
tcacagaagg	
ctcaacctct	
ttattatacc	
actataatac	
cccaccttgg	

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cccttcgccc actttctgct ctccgctctt gcctctcttg actcaccacc acaaacacac 180
aacttaacaa ccgcctctgt tgtacaccaa caagcaagca acatttcaac tcggaacctt 240
ttactcctgc tcctctcttt tgcacaatca aattaccgnt acaatggccc tcgacatgtg 300
gacccacgag ttctgcctcg cctgcgaccg acaagtccag gtgcagcggcg acgcctactg 360
ctccgaagcg tgcagaatgg ccgacttcga aaagaccccc tctacaccca gctcgcagcc 420
aagctcgcgc ggcttctctc agtctgctac gcctcctcag gcagcctntc agccgacctg 480
cgcccaccaa gttctacctg cctccgccta cgacttaatc gagcccagcc ctacgggtaa 540
cacctnggac gtctgcttcc ttcagcggct acacctccga catgtcgccc gcgtcgacac 600
accggggcct gacgcctnga gctcaacaag cagccttttg nttntatgca aaagcgggtc 660
ttcaaccggc cgagtcaagc angttgtaaa ncaggcacgc aaggagctgc naggcatacnc 720
cggtttcttt gacaaggtaa a                                     741

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<210> 7645
<211> 824
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(824)
<223> n = A,T,C or G

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<400> 7645
gcccagcccc acttccagaa caccatgctg gcgctggaag ccggcaagaa cgtcttgtgc 60
gaaaaggctt tcaccgtgac ggccgcgcag gcccgaagc tggttgagac ggccaaggcc 120
aagaagctct tcctgatggg aagctgtgtg ggacacggtc ttttccgctt gntatcaaag 180
attcgaagaa ctcatgggcc gncggcgaa gattggcact ggctttcgaa caaatcgccc 240
gacttggctc atcaaccgca aactcaaagc aagggtcaag cccttgaaat tcgcagactc 300
acatcgaatg gtcaaccggg acctngcagg cggtgccacc ttggatctcg gagtctatcc 360
cttgacctgg gtgttccana ccctgtatta tttgcaaccg gaggaagaca aggaggcttc 420
caccgtggnt gcttccagca acaaagtacc accactggcg cagacganaa taccgcgccat 480
tatctgcagn ttccctngcc acaacaagca ttggaattnc ttcgacgacg atgaaggcgg 540
acaccgaccc cgagaangac acnattccng cggtccgaat ttaaaggatc caagggagaa 600
aattcaagtc tttttttccg anctaacgan cgntttaagt acaaaggngg ngaaaanaaa 660
cggggaaggg caaacnggtg actggcccat tcccggaaa ccccgcgccc aagggnntng 720
gggccaggga atgttttttg gaggcggacn aaatgtgctn taatgncttn tcgatgggca 780
anttggaaaa ntggccacct ttccttggaag aggaaaccat tggc 824

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<210> 7646
<211> 1510
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(1510)
<223> n = A,T,C or G

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<400> 7646
cattcttaga agctgnccga ntccggcacga tgtgccgcga cgttccttta tctgccgtcc 60
acagacattc attcattttt tgcaccaaag agactcatcg ctccctttcag ctgctttttg 120
ctcgtcgcgc acttacgctc tcttttgcac cacttcaatc ttcaatacaa accactgcaa 180
tcattgaagc gtctacgacc atcgcgactg gcgctgcctt tgtggccggg gtttctgctg 240
gacagaacaa ctacctcggc ttcaactcgg gcaacacctt ccccgacgaa gtccgccaan 300
gttcgagaag gacttccctg ccgagttctc cacggtccca gaaagctctg tcnggcgcen 360
cccgggcaac cttctaaacg cccgntccgg ttctctacaa ccaaacaatc ccagggccct 420
aacttccaan ggggacactt tcctattcgg nagggccctt tcttccgggc ccgnccattc 480
aangnaccca angaacngtt accaatttcc tttccttcgg ggggnttggg ggcccttncg 540
gggcccacct gngantaaac natctggaag caaattgaag acnttgggtt gnccctttga 600
gacgcccccc gtcaaacaag tacggnagga ccttgaccgg acctgatcat tgggtgtctc 660

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atcggcagcg	aggatctgta	cccgtgactc	gcagactggg	tcgaaccaac	aaggccggtg	720
taggcaacgg	ccccaaggag	gtcctcggct	tcatcaacca	ctacaagaaa	gacctttgcc	780
aacaattggc	tctggccaat	gtcccatcg	gccacgtcga	cacctgggat	gcctgggtca	840
acggcaccaa	caagcccgtc	ctcgacgcgc	tcgactggat	cgggtgttgac	gagtaccctt	900
tctacgagac	aggcaagggc	aacgacatta	gcaacgcgcg	caagctcttc	gacacggttt	960
tcgaaaacca	cgcttgggcg	ctgccaatgg	caagcccgtc	tggggtgacc	ggaaaaccgg	1020
ctggcccctg	accggcccga	ctgggacaag	gccaaagcca	cgtcaagaa	cgcccaaaaa	1080
tactggcagg	acattggctt	gcaagaagct	tcttcaacaa	agtacccac	cttcttggtg	1140
caacctgcgt	gacttccaac	ccggccaacc	aggtcaagtt	cgggatcaag	ccanagcctc	1200
tctttcacc	ctttcggtcg	accttgacct	gncccaagga	ggagaccacc	accttccggg	1260
gcaaaccac	cgcaccaccc	ttgttaagg	ttttggacan	ccgaacttgt	naagtttggn	1320
ttcnagggac	cggttacgcc	ggangntcaa	gtcaacaaca	agcgatgttt	ccaccactta	1380
ataaggcctt	gcggggcaat	acnacggggc	cggngccnga	acaagggttc	cgggnnttgc	1440
tttgccgggg	gggcatgggt	gccggtttct	ggcccttttt	ttaaaatgaa	ggacaatttt	1500
tgnaataacc						1510

<210> 7647

<211> 475

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(475)

<223> n = A,T,C or G

<400> 7647

tgtctctgtt	gaacagaaca	ccaccatcgc	acaacaccaa	aggcaccacc	gtccttccag	60
catccagctc	caaccaccag	caaccatgaa	gtccgtcgcc	gtcgctctcg	ctctgctcgt	120
cgcagctgct	gccgcccagc	ctcaccacgg	ncaccacgcc	cgttccacag	cccacaagca	180
cgcggggccg	gatgttgtcg	tcaccgagac	cgagtggcac	accgacaccg	tntacgtgac	240
cgaggtggtc	gattccacct	acacctactg	ggccaggac	gggaagacgt	ctttgccgnt	300
cncggcgagg	ccacgggntt	tgcaantntt	tccgcttgcc	ggggagtttt	ttnnagccca	360
ctccancgtt	gagnngcat	ttcacnagca	ggttctntc	ttcccnagaga	caacattggg	420
gcgcagttng	tttttacgcc	ccgcgcgctt	ntaaacact	tctttgaggt	tncgt	475

<210> 7648

<211> 495

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(495)

<223> n = A,T,C or G

<400> 7648

tcgtcattgc	cattgtcatt	ggcgtggctg	ttggcgtcac	gcaggggaag	aagagttcat	60
atcccgacta	ctcacagttg	acataatccc	tcaaggatac	attccagggg	gaaaccttct	120
ttgacaactt	caactacttt	gagggctggg	atcctgccgg	gggattcgtt	cactacgttc	180
cgcagcctcg	agcccaacag	ctgaacctca	cttttgcac	ccaagatgcc	gccgtntctc	240
gggtcgacac	atccgtcggc	cccgggcagg	aaccccgacg	cctccacggg	cccgtctctc	300
cgtgcgcgtc	gatagtccaa	gaaagacgta	caacgacggg	cttctttcat	attcgacgtt	360
ccgtcacacc	cccttacagg	tggcggcanc	ctggccnggn	ccttctgggc	ttgaccggac	420
ccgttccaac	tggcccctga	cnaccgggta	agatccgacc	tttattggaa	gggcnaccaa	480
caagggccgg	actaa					495

<210> 7649

<211> 500

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(500)

<223> n = A,T,C or G

<400> 7649

tcaacaagaa	ggacatggtc	gagttcctca	agcaggtcgc	cgagcccaac	cccgaaccgg	60
ccccctcaaa	cggcaagtcc	ggcaagaagg	cctccacca	ggacaaggcc	agcagcaagg	120
aggcccccca	aaaggccgnc	gccgccgacg	agtcttcgtc	cgccgcatcc	tccgagacct	180
caacggccgc	gcgccggagt	cgaccctcat	cgacatcccc	gccctgactt	ccaaangcag	240
agctcgagga	gcaactgtctc	caaccaaagt	cccaaaacct	gcgtntctgc	tttgtgccc	300
cgtccgcttc	ggagatgcgc	aacaagatcc	tttctgcgct	ctccagctgc	acaccaagta	360
cgttcacnga	aagcgccact	tcccttcttn	tttgtcgaca	gcgacgtcga	aggnttntgc	420
cgccttaagg	aaccctcggc	ttttcgggca	agattgagct	cgttggcctt	aacgccccgc	480
gggggtgggtg	gaggcgatac					500

<210> 7650

<211> 923

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(923)

<223> n = A,T,C or G

<400> 7650

gcaacggagg	ccggagtga	ctcggagagg	gcaaactcag	tcagcgggtg	atgggctggc	60
agcggcgctg	tccccggtct	gacggccggg	acactgtgca	tgcccgactg	gcgagcagcg	120
tccacctcgt	tgaggttgct	gctcaggaaa	gaatcccagc	gtgccgggct	tgacgtcggg	180
atagtgaaga	acaggatagt	gggtgtagct	agccaccgtc	gggtcttggg	ccccgcatt	240
gacgggtgctg	aaccagtcag	aagatgaaag	accttatgtc	ggcgggttgg	gccgggtccgt	300
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gaaccttgag	gacgccggac	tcgtatccct	ttcttcaana	ggtagccctg	gaaccgcctt	480
tangtaccgg	cgccttgacg	tctcgggcca	ncaagtncg	aacgtgancc	ttnaaaggcn	540
ccgcggctcgt	tgcngtactt	cttaaggaaa	gcgtttgcng	tactcgcaaa	acttgactcg	600
tccactgnnt	cggncaaaga	acccggcang	gacttggang	gcattaaggg	naacttggga	660
ntttggaccg	gaacaaggtc	ctttcgaagg	tanccacaac	gggttgggac	ngngacaaa	720
agaacaaaaa	gacnaccaat	gtgcccggtt	aaaaaaaaagc	aaaccaantg	ccagtcnag	780
cactacttgg	tgcaaagacc	tctnttangt	ctacttgnng	ggggcccaaa	agtnngggtt	840
gaacaaggac	ctagccctnn	tttttggggg	naaaaaaggg	ngggcttggt	aatctnggat	900
ttgggcaaac	ttnattggnt	cct				923

<210> 7651

<211> 874

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(874)

<223> n = A,T,C or G

<400> 7651

cggcacgagg	ccgccgccgc	tgccatcggt	tccgaggctt	tgtgaggact	tggttgacac	60
tactcatctt	taactacgtc	acagccacca	gcaacctccg	acatgccgcc	tctattgtct	120
cgacctcatg	ccagcctctc	ccacgccgaa	gctctgcagg	tagctcagca	agcccccgag	180

ttcctgcgga	agaatcctgc	gtcatactca	gcctgcgcgc	tgttctcgct	attttcaccc	240
ccagaaaact	ccaagacatg	gacaatatatac	gaaaacctct	tgtcgcctg	tctacggact	300
ggtgactata	caacggcgca	ccaatgcctc	gaaagattgg	tgattaggtt	cggggggaac	360
gacgagcgca	ttcaagccct	caaggcctgg	tgaaggaagc	cgagggaaca	gacaacaagc	420
gagctggaaa	angtgctgaa	ggaataccan	gcaatcttgg	gccaatgata	cacaaacgtg	480
ccaatctcaa	agangagaat	agcgcttctt	cgtgcaatgg	gaaggacaag	ttgaagcgag	540
cgaanccctg	gtgcagttcc	ttcgactttg	cgaccacnga	tgccgaggnc	tggattgagc	600
tctcanactt	ggatntgtcc	anggtctgta	cgencagcca	tatacctcaa	gaanagnctt	660
ttgtatcgcg	ccaangcgtg	gaatntccat	gcccgcctagg	cgangagctn	tttattgggtt	720
gcanagtttg	caaccatgga	aaccttnaag	gcgtattttg	nanaaagctt	gaacgtttnt	780
gccnaacant	tganttttgg	gangaatntt	ttccgggttc	ttccggctgg	aaccaggtac	840
cnanaaactt	cttcgncaag	gatttaaggc	aaaa			874

<210> 7652

<211> 890

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 7652

tatccaactg	aagtctacac	tcgttcaaac	ttccaaactt	caacctctca	accccaacca	60
aacaacccaaa	ccaccacccc	caaaacaaac	cacccaaaaac	catcaaaatg	cgtgcgcgcg	120
ctgttgtcgc	tatcttcgct	gcctccgcca	tgcccagac	cgccggtctt	gcctctccca	180
ccaacggcac	cagcgtcacc	cacaccggtg	ctcccaccac	cgccctacc	agcgggtgcca	240
actccctgtc	ccagaacatc	ctcctcggtg	tcggtgctgc	tgccgtcctc	gctgccagcc	300
tctaagcaac	ttcaactttt	ttttattcga	aacctttctc	tctcttccct	gataatttga	360
ggggctttcg	gggatgtcta	gctcaagttt	gctaggcttc	ctgtgaagct	ccttaccgac	420
ttcttgggga	ggggaccgga	ggaaaagaat	atatcatgga	tctggacggg	atggggatgg	480
agggggaaaa	gaaggtcaat	ttagtttgcc	ggcattagaa	gtctttggga	ggaagagaga	540
agagcggta	ttttttttcg	tgctttatta	cgaccacagc	aaatgggata	aaggatatac	600
ctatcgcttc	ttttcttcga	gtcaatcaaa	cacttccaac	ccagatctct	cgtctttccc	660
ttccenganc	ccggactgtg	ccgggcccgc	aaaaagcaaa	ccatgaaccg	ggggtttctt	720
tttttttcga	caactcaatt	ataccaaacg	gactggcttt	cgccgggaaa	ngaaaaggga	780
tttggcgcgcg	ncaaaacttat	tttgggggca	tttttggtt	tgcttttttt	ttcncgaacc	840
ttttttctttt	acctttcttt	ttnatttttt	tggttttttg	aatttttgc		890

<210> 7653

<211> 812

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 7653

ctacgagctc	gcctttcccg	aatccagcgt	cgacctcgct	accggatggc	cgaacccatt	60
tcctgtttct	ctccagatca	tccacctcta	cgggtcaagt	tgcatgtg	tgaacaatct	120
ccacgacgcc	caagacctta	cccaggacaa	gtgggatcag	ctatccgaga	tggagcatcg	180
actcacgaga	atgtacaagc	actgggaccc	gcggnntcag	ttcaacgtca	acaactttaa	240
gacgtacctc	ggcatggggc	agggcaccaa	ctttatnctc	ctccactttt	ggntccacgc	300
gctcttcac	atattgcac	aaccgactct	tcttaccccc	ttttgcgaac	tgnggagcga	360
gctccagctg	ctctnggaca	gccgtgagct	gagcatgaac	agcgcaaaaga	ccatctgcga	420
cattttgncc	tttgccgact	cgatagatcc	gacgagtttt	attggcaacc	cattcacgaa	480
tcagcccat	tatatcgcg	catgcgcatt	tctcatggaa	tcgagcgcca	acaatgcac	540

tgagggctcg	tccagggagg	gctcgcttcc	acttaagcga	gtcgttcang	caacagacga	600
agcacttttaa	caagcagtct	tcggcattcg	cttntcgcgt	cggncgcca	ccagaattac	660
caagcgatgc	tacaacttcc	tgcagaaant	ccaggcgtag	tggggcgagg	tagggctata	720
tctnaccgng	cttggacaaa	agtcaaaagg	naagggggac	tgngagacgt	ataccgggga	780
ggagtatgan	aagccccaag	ttgccccttc	tt			812

<210> 7654  
 <211> 505  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(505)  
 <223> n = A,T,C or G

<400> 7654						
nttcttaacg	cccggcaaac	ccccgaaccc	gaaattcaac	ctggtgggca	ttgngggcgan	60
caaagnngggc	accggggccc	gtaatntggc	ctgggacgag	gactatacac	aagcttgang	120
angacaacga	cccgaactgc	ttgcttcaaa	aagaagaaga	agaagcccan	gaaaaggccg	180
cnacacaaaa	gtatngctgc	aanggcaacg	accgactttt	gggccccggt	ggcgacaang	240
acaaggcaat	tgccgaattc	naagcttatt	cgaaaagacg	gcattctggc	accaagatcg	300
aactgtgctg	gccataatac	gcatgggggc	tnttttacng	ngacaagccc	ctngtcaaga	360
acaagtcgag	cggccaagac	ctcgtcgagt	cggcgcgcat	tggaccgacg	gaaccgctta	420
aggctacnag	gcctgnacct	tattaccgtc	cgngcctaca	aaaccgcggg	cccgttggtg	480
ttgaattcct	tttgacntta	ccagt				505

<210> 7655  
 <211> 683  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 7655						
nctcgnccga	ntcggcacga	ngcggaccag	gtactccagc	aaagcctcca	aggccgatgc	60
ccagaaggaa	aaggccgccc	aggcacctca	ctggtctgag	aacgaggcgg	acgacaagca	120
aaaggagatt	gacaaccgag	agtttgccaa	gcagctctcc	aaggccaagg	agggtgccaa	180
gttcaacacc	aagaacgacg	gccccaaagca	gcgcgagaag	accgtcaagc	agtccaaggc	240
caacaaggcc	aaggctgccc	ccgcccctga	ggctgttccc	tctgccccgt	cgtccaacgg	300
ngctgatgcc	gacgatgacg	agtctcccgt	tgtcctgtcc	cccagagacc	gccccgtcga	360
cgttgggcgg	gtcagcgaca	tgctcgagcc	agccccnngc	ggcccttcgt	tctgcgtntg	420
actgataccg	agtncaagaa	ggacaaaagaa	gccccaggcc	gcaagaaccc	cgaaccggct	480
tganaccaag	angcaganac	agancangaa	gaaggctgag	gctgntaaan	gccgtctngc	540
gangaagggc	ccgaaaaaga	gcgcaagatc	ctttgaggaa	gaagcanccg	acgcactggg	600
tncattgtcg	aaggcccngg	ccgncaaggg	atggctctga	ntttnttggc	cgcggttcaa	660
cggcaacaag	tntgcttgga	acg				683

<210> 7656  
 <211> 758  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

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<400> 7656
gtgctctcat taccgtcttc gtcctctggc gatggctggg ccatgggtga ctgggggcat      60
cccgccacg agctcttcca gcctacgcc agtgccgcca tcttcaaccc ctcccagaca      120
ctgcacttga ggaccaactc ggattcctcc gacggccgca actcgggtcga aatcggtagc      180
tttgaggaag ttgccccctt tccctattcg cccttctcac cagactctga tggccaagcc      240
gagaaccaca acaacggcca ccggaactgc tactcggccg atggccatca tcaccacccat      300
gatcacagcc atagccatgg tcatacccat ggccacagcc atagtacag tcacagtcac      360
agccacgttc acagtcccat cgcggtgact gccccagtct ccctcaagg gcgagtcgtc      420
tgcccgtcac agccctggca gcggagcggg ctcggtatcc ccttttctgt ccaagcacca      480
cctcaaggag gagtgcnga aagtgcggc attcgcaaga ncccgattgc aangcacccc      540
aaaaccgtcg tcaggcgncg tctcaatgga aaagaaggat ggatctgtcg agaagaaagt      600
gggccgtaaa agggccctnt tttgcagaca gcgnaaagca agccagcgag ataagaaaag      660
ttgctgtgctt gctgcnatga aattcttaaa agacttgnat agggnagcct gcctggatgc      720
aancgtttac nccgctttgn aggtcctgga ccggatcg      758

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<210> 7657
<211> 675
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(675)
<223> n = A,T,C or G

```

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<400> 7657
taaatggcat ctttcaagac agcttcctct ctccagccct gtctccgcct cccttacaac      60
aatctcaaca acaagctgaa gccggcctct accaactgat tatcctccac ctacattca      120
tcattttttt ttggaacaat gagtcctcc gccgactccc ttctcccca caagcccgcc      180
aaggaagcaa ggaaactcgc atgccgcctc tgccagaagc gcaaaaagaa gtgcaaccgg      240
aaaagcccat gtcctatgtg catcaagctc aaggctcgtt gtcagccaag cgcacccgcc      300
gttccgcgga agaggaggca gtcgacaaan gacctnttcg cccgctggcc tgggtgcgag      360
agcagctgcg gcggaatctc gagtgtcngc agtgtctcga gtgcaaaaat tcgttctcaa      420
agtcattctac agagagctcg acngcggaga ttgcaaaagan gctcttctga gatcaagtct      480
gatccgagca tatcctctgc gccgattgct tcttcttntt tttctccctc tcattctatt      540
cacctcccca ttcactacta tcaccacccat cttcttcttt tgacacaata tccgcttaaa      600
naaaatgatg atngaacatg ctgtacttaa taatattaat aaaaagccaa ccttttgtat      660
gaaaagacnt ccctt      675

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<210> 7658
<211> 904
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(904)
<223> n = A,T,C or G

```

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<400> 7658
cgcattgtcga ggagaggcgc tgcagcctgc tgttccacta caacaacgca gaggactacg      60
agtcggcgctc ccgccaggcc tctgactgcg ccagccacgt caacgatgcc tgcgagtcgc      120
tgccgggtgca cgccgtagca acggacggag ccattgtggt tgagcctctg gactggacca      180
agtgcacggc ggctcagcga gtgtttgagc agctgggaga gcacatgaag tcggatgaga      240
cacacaagca gcccgtcgac tttttgatgg ttgtcggcga cggaccgaga agacgaaaag      300
gtgttttagat gggcaacaa cctgggcgag cagaaccaga tcaagaatgt cattactgtg      360
agccttggca gccgaagcac cgaggcggcg gccactttga cccagggcgt gagcggtgtc      420
ttgaactgcc tttaagcgctc tggcatcggt gtcgtaggga agcatccttg cctcagtcct      480
tgcctagttt ccccaccact ctcttttcca ttcgcagntg ttttacttga cactttttcc      540

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tcctgtttct	cgtcattgna	aggcgtcttt	tggtatatga	aaaaggaggg	gtccngggtt	600
catttgagg	ctgaattata	tatcttgaac	anggccgcan	ancatggtct	acaccnatgg	660
atgggccttt	tatagcacga	gtcccctttt	tttcttttgc	ntnccgtccg	aaatgganca	720
accaagtttt	acgtttgaaa	ggagngnaaa	aaaaaagtca	ttgntcatta	caacttgncc	780
agcatgtttt	tgttcaagct	ttgatattcn	gcttggttct	acatgcattt	ntagttggcc	840
gttttggttg	ntntttgtgc	tttnatggga	ttgggcgncg	gattaaanac	ccattggccg	900
gnct						904

<210> 7659

<211> 391

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(391)

<223> n = A,T,C or G

<400> 7659

nccgctgncc	antcgacgag	gtactacggt	caccatcacc	accaccaccc	tccaccacca	60
ccaccaccgc	ctacaacaac	aacaacagcc	atcatgaagg	tcctcaccaa	ggaagaagaa	120
gccgnccact	accgcgccgt	cntcaagggt	ggcctngtcg	gnnggcaccgt	cgggtctcgcc	180
atcggcgtcg	cgggcgtcta	ctacggntcc	aagcggtacc	ccagcttccg	cagcctgacg	240
ctgcccttnc	ggacgttctt	cgtnacctn	caccagcacn	tttggcgcca	tcntacaggc	300
cgaccgcgcc	gggcgtcgcc	ttccagaaa	aagcaangga	cccattgtcca	aagttccggn	360
gacgcntctc	cagcgcgccc	aaggaggtga	t			391

<210> 7660

<211> 843

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 7660

ntctcattat	tnattttttt	ccctttattc	cccatttctt	tttttccttt	gtcataatta	60
tccccaattg	tttctttcgt	caccctcttc	cgctcgtcgc	tccggttacg	aaggctcgtc	120
aaccacaccc	ccaagaggca	cacacggcct	ttttcgggtg	cactgcggtt	acaagtactt	180
gttgatccaa	gtggtcttgc	actactttgc	cgaattgtgc	aacctgaccc	tttcggcccc	240
cagcttttgc	tcctctggtt	gaccaaggaa	aaaaaagccg	agccagacct	gttcagtcgg	300
atgcgctctt	aggcaacatt	gacctacatt	gcctcgccca	tcatgcagca	agtggcaagt	360
cgccccgtgc	cggactacgt	ctactccaac	tccccccacc	cgtccaacga	catgcataac	420
catecttacc	cngccgatat	ggctcgcgcg	aacgaagctc	gtatggattt	cccctacggc	480
ctcagctaac	atggctgcca	gcaagcaaca	ccacccaagc	gccgtcagcc	gccatgaacg	540
tatcgagca	gtcaccaaac	ggccttcttc	gcagcagcag	acgcccagcc	aagcccgcgc	600
gccanccgcc	aagtgcgccg	tnacggaagc	gcccggggcca	naacgcgggn	cttaccgcga	660
cgggcggcgt	tcacttncgn	gggcccggcc	aagggttaaca	ctggggccac	gccggccggt	720
cccaggtggt	cttctgccaa	cccaggtgcc	ggaccgagga	ccnaacttca	acgncggccg	780
gttggggcct	ccgccanaaa	anccgacgaa	tacccttggt	attcccaaga	gganttcctt	840
ttaa						843

<210> 7661

<211> 536

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature  
 <222> (1)...(536)  
 <223> n = A,T,C or G

<400> 7661  
 gctctcgcaa cgctcattga ctccgtcacg aaataccacc cctcaccaat ccaagcagaa 60  
 gagctcaaga acgccgacaa tgaactctgc aaaggcctgg agcaagtcca gatccatcag 120  
 aggaaccacc tcaaaatcca acagctccgc caaatgtcca actccctcga cgcccagatc 180  
 cgcgaaacgc tcacctccct cgcaacaacg cgcaaggacc tcgtcaccac acaagtcacc 240  
 acctaccctt ccgaacccaa ctacccgatc ttatacgaag aagctgctcc ggnttcgccc 300  
 gncgcaccaa gcaagacctt tnatggcngg cccggncngn catccttnaa cgcncatggg 360  
 cgngcngcgg tccggcgggg acgaaattaa agaactntt aagacgcng gttncctgaa 420  
 ttcttaagac cccagatngg gccatgaacg cccggtcggg ggcaanactt ccgnaatncc 480  
 cattgccaga ggttcccggg ttcttaccce atngggggta agccngnaac aaacaa 536

<210> 7662  
 <211> 861  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(861)  
 <223> n = A,T,C or G

<400> 7662  
 cgggcgggacg caattgactc ttccccccaa gccatgtctc ttcaatcctg ccgccccagc 60  
 gtcgctcgct gccgccacgc ctcccgcatc ctcaacctct gcgcccgcgc ctctcgctacc 120  
 gagtcctcgc cctcatcctc aacaccagaa tccttcaagg tccccgcggg aacaacaaca 180  
 gcagcagcaa caacaacaac aaccacagag ccgacgacaa actacagcag tgcgacgacg 240  
 aagccgaagc cgcgatggag ccatacgctt gagggcatga aggcgcgcgt gcagcttgac 300  
 tttgcaaaga gcccgcgcaa caaggtctgg gccgtcaaca acgaccccgc gcgactcgac 360  
 gatgtgtaca accgcttctg gggccgggag gcagcaagat gcttccggag gagctcaagt 420  
 ggctggccgt gacgcacaag agctttgacc agggccggag agggttcaat gaccgattgg 480  
 actgnttggg ccggttgaca tgggtatgga ggcgacaaag gaaatcgta gcaaggagcc 540  
 cctcgcgggc tnaatactgg ccgaccagtt cgacagacag ccgntnaacg acgcgcaagt 600  
 tggtggccgn ggacaacctt caacgtcatg gggcccgcgc gacgtcattg gcaaggacaa 660  
 gctttaccac gttggncaac aaggtgggat tggtggaagt ggtgcggtgg aagcccnat 720  
 tgccaaacgg ttgagctctn ggctggaag tgtcttnagt tcggcattat ggcattgncg 780  
 gngccttacc ttgaaatgga actgttgggc gnccaagtgg tgaggaaaag atctggccag 840  
 gttccaagga cattgaggtg g 861

<210> 7663  
 <211> 587  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(587)  
 <223> n = A,T,C or G

<400> 7663  
 ggccaagcca acattgacta cctgctgaag ctacgcgagg agtacaagag cagcgagctg 60  
 gaagtctctg ctgcccgtct ctccgccggc gactttgtcc gcgagcgccg cgaagaagac 120  
 atcatccgtg accgccgaga ggaggacatc atccgcgagc ggcgagagga gctcatcatc 180  
 caccacgaga cgcccgcgcc tcctcctcct ccgcccgcgc cgcagcccca gccgcagccc 240  
 cagaccatcg tcgtcgcggc gcccgctccg cctccgcctt catcatcgag gcggccccgc 300  
 gcgacgcctg cgagctcgtc gacaagaccg tgtaccgcga ccngagcgcc tcgcgatcgt 360  
 ccagcagccg cagccgcagc cgcagccgca ccggtcgcac tcgcggnatc acaccatcg 420

cactaccgcc	gaagtcatta	ccgcacagcc	actcgcggac	aagaagcacg	gnagcggcgc	480
cgcctngggc	tcggctcagc	ggcagcagca	agcgactacg	cgctcgtcga	gcaagcgcca	540
cgggtcgcga	tnccgcagcg	gnaaggagat	ccgcgcgcgag	atccgcg		587

<210> 7664  
 <211> 539  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(539)  
 <223> n = A,T,C or G

<400> 7664						
tttgcctcct	cttgagctcg	ccattcgcctc	tcgcctcgtc	ttcgcttget	ctcgttcaac	60
gacaacaaca	gcagcatata	ccacaccgaa	aaccctcaca	atgaaggcct	ccgtcctctc	120
tctcctcctc	gccggcctgg	tcgccgccca	ggactttacc	ggccagcccg	aatgcgctat	180
cccctgtctc	aaggacgcca	tcncaaggc	cggctgcgcc	ctcacagaca	ccgcctgcgc	240
ctgcaaagcc	cgacgtccag	gctaagctcc	tcggcctcgt	cggaccntgc	ctcctcagca	300
agtgcagccc	agcgacctcg	caaanggctc	aggccggccg	ctgccgacgc	ttgcaagaaa	360
naacgcccgg	ngggttcgaa	ccganacgtt	tttttgccgc	cccgggtnac	nggccaaacgg	420
gncaccgggt	tacnggagcc	ttgnattncc	gaaaaccaac	ccacggtttt	ggccggccgg	480
aagaaccaac	ncacccgag	ggnrtgggcc	acnccacca	nnttggaacc	cccggggga	539

<210> 7665  
 <211> 521  
 <212> DNA  
 <213> Tricoderma reesei

<400> 7665						
cccaactgtc	tttttctaaa	aacagccgggt	gtcctgtttt	tattgatott	cagttgccgc	60
ctcaacaaag	agaagccgag	tgatataacc	gcaacagaga	cctagcttct	ttccactcat	120
caatcagtcc	cttggtttccc	ctccccgggtc	tatcgaagag	gcatctcaac	tggaacaatc	180
acacacaccc	atacaaatac	aaacacatac	aacgaaagcc	atggctagcc	gtggagatcg	240
ctgggagcgg	gatcgccctca	gtggcgaccg	cgagagagcc	cgtttcgtcg	aggaggagcg	300
cgagcgggag	cgcgatcggg	tcttcatgag	cggcgccgcg	agccaccgcg	accactcgga	360
cgagcgcttc	gaccgcaagt	acggccggac	gtcctacgag	gacgacattg	tccgcgaccg	420
gcgcttctac	gaggacgacc	gcttcgaccg	ctcgaccgcc	ggtccgacgt	ccgcggcgac	480
tcgtacgacc	gccgcgtcgt	catggaaaag	gagcgcgacc	g		521

<210> 7666  
 <211> 860  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(860)  
 <223> n = A,T,C or G

<400> 7666						
agcggggccga	gccacaacta	cgacatgtac	cgccagcaga	cgggcttcgt	gcctggcgcc	60
atcgccaata	cgatggccgt	caacgagtcg	ggcaacctcg	gataccaaga	tttcggaagc	120
ctcgacttcc	ttaccaacga	aagcgaaatg	ttcgacttca	acgtgtcgcc	ctcgcagagc	180
accatgggac	cctcggaggc	gctcgacttt	gcgtcgccgc	ccaacaccca	gctctttgcg	240
accatcaacc	ccagcaacat	tgagcagggc	tcatccaacg	tctctccctc	ctccacgagc	300
caaacgagca	ccgtcggccg	tctgtggccc	ggcgcacact	cccangctgc	catggcggaag	360
gcccattgcc	agcagaggca	gcaacagcac	atgatgcagc	agcagcaggt	gcagcgccag	420
cccggtcagc	ccgccagcag	aagcctcgcg	caaaggtgcc	gccaaagacg	gacccattg	480



tcgagcagaa	gatcaagcag	ctgcttcaga	agatgcgggc	ccagcctgcg	tntnccgctt	540
ncgacaagct	tcacgccctc	gggccacctg	gncaagggca	agaaggatga	ngaagaaatg	600
gacgaggacg	agcgcctctg	gtagttagga	gggnaagaag	ntnacaagca	aggagcgcaa	660
acaggtttgc	aacaaggttt	aanccgagct	tttcgntnaa	gaagaaaaga	atacntaccc	720
angttggagc	cgaagtnttc	agcaaagtac	aanaaaaaat	gactgggngc	gcaaaaccgg	780
gnctttcttn	agganaacan	gcgctgggtg	ggcttgaatc	gatgnttttt	gngttttctt	840
attttcaant	ttctgggnaa					860

<210> 7667

<211> 670

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(670)

<223> n = A,T,C or G

<400> 7667

cccagagccc	acctggacta	tgagcacgcc	gactatgggg	agaatcccgc	gtacggcgcc	60
tcggcgagga	ggcacaggat	ggcgccgccg	gagcagcagc	agcgcgatgg	cagctacgcg	120
gttggcgccg	agacggccga	gggcacgtcg	ggatggggat	cgcgaaatgag	cgccttttcg	180
tcgaacccgc	agaccttctc	cgactcgact	gggaagacgg	tcgccgctgg	cgttgctgcc	240
gccggggctg	cggtcggcaa	ggcgctggcc	tcgatccgcg	aagaagacag	gccggagccc	300
gaaacgaacc	cttgggtccga	gaacagagag	gtgcgcaggg	aaaagggacc	ggcgctggt	360
cagaagaagc	gcaagacggg	cgccattgca	tatctgccga	ctccagttca	ccgacgacga	420
cgacgacatt	actcatgagc	atgcctccat	cttgaaccac	atccccggca	caatgacctt	480
gtctgcatta	agcttttctg	gctcatctac	gcacctagct	ttgaaagaca	cgggtgaagc	540
cgntccanta	atcgcccgcg	tcttcngnta	gctcatcatt	ctctacgttg	gattgatcaa	600
gctcaaactc	ccgangggcaa	gagcccagta	cttggcgcg	cggctgaaaa	cacctgtggt	660
caatggccgt						760

<210> 7668

<211> 741

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 7668

atactntggc	tcatacgcgt	tcctctcggt	tcgtttcgta	ttgatacget	ctctctttct	60
ttgaattccc	caggcacctc	ttgttatcaa	tcatacagtc	gcattagaga	cagcccgcgc	120
aagatgaagt	acaccgtcct	tgctgccact	ctggctgcc	gcgttgctgc	cacgccttct	180
caccaccacc	atcacgcgca	ccgccatgcg	aagaagcacg	ctgccgcagg	gtcgagaagc	240
gcgctccgga	tggtgtcacc	gaggctcgct	tcggagctac	cgcaccgtct	tcgagctcga	300
cggcaagatt	gtcgatgccg	cgacggccaa	ggccggtctg	gccgagggcg	agtacatcat	360
cgctcgagag	accaccccca	ccttcgtccc	gccgcctcct	cctccgctgc	gacctcgagc	420
gccgcccccc	tgaggggcca	gttcgtcgag	gagcccatct	cgtcggcagc	ggttncacca	480
ccaccttcgc	ccgccgncgc	gncacgacac	ggccaggcac	gacagctntg	cgccttctcc	540
cccaagactt	gaagcctgcc	cagtcgagcc	cgctcctntg	cgctccgggc	tggacgcgga	600
ctttcccagc	ggcaagattt	cgtgcaaaac	ctttcctttc	gaagtaccgg	ggttgngggc	660
tttgactggc	tgggcacttg	gggntgggn	ccggcttcaa	gttgnggcct	aactatnagc	720
ccggatgcgc	aaaacattaa	g				741

<210> 7669

<211> 135

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 7669

tggcctcgac	agcgaccaag	cangacccccg	cccgtctttt	gtcgggacca	cgcaaggctg	60
tcgagaccag	ctatccgctc	atcgacaacg	atccccactt	caagcgggtt	atccgatatg	120
cgaaggacgt	caaga					135

<210> 7670

<211> 903

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(903)

<223> n = A,T,C or G

<400> 7670

caacgngttg	caataccccg	taccatcaca	agcatatcct	cttcgatcac	gtaccctaca	60
ataccataca	atcacaaatca	tcaccatggc	tgtcaaggtc	tttatgacgg	gcgttactgg	120
ctacatcgga	ggcacggcct	ttgacaaaat	ctacagagct	caccccgaca	atgagtacac	180
gctcctcgtc	cgcaacgagg	cccgagccga	gcctgtaaaag	gccaaagtacc	ccaaagtcaa	240
gtttgtctac	gggtctcttg	atgacgtcga	cgtcatcgag	caagctgctg	ccgaagcaga	300
cgttgtcatc	cacaccgcag	aatcagcccc	accatgcccc	cagtgcctcc	gncatcgcca	360
agggcctgga	aaagggccac	acgcccgcga	agcccggata	ctggattcac	ctctccggca	420
caggcatcct	gacctggtac	gacgtcgtca	acggcagaga	gggcgaagcc	tccctgccgg	480
accagaaata	ccacgacatc	gacgacatcg	accgcatctc	aacctcgaca	ccgagccccc	540
cacagagacg	tcgacaagat	tgtccaggct	gccgtttccg	actcgggtcaa	gcctgccatc	600
atctgncccc	cgctcatttc	ggccagggtc	tgggtcccgg	caaccagcag	acgatccaga	660
tccgaccctt	cgctcgagatg	accttgccgg	aaggntttcg	cgccgntcgt	nggccanggg	720
cagaaccgaa	tgggattacc	tacacgttga	cgatgttggc	gaaatggttc	ttcaagctgt	780
tcgagggcag	ccaggacccc	gaaaagaana	acaaaccccc	gagatctttt	gggccgccnc	840
gggttctttt	tngggcccaa	nggnggtctt	nactttcaan	aanaattgna	aaagnngggt	900
gct						903

<210> 7671

<211> 797

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(797)

<223> n = A,T,C or G

<400> 7671

gcaggccgag	tactttgtgc	cctttaccgc	tggtcagatt	gcgcgcggtg	gtggcctcga	60
ggccaaggat	cgcaaggacg	acacgattgg	gcctttttgcg	gttgacctgg	tggagtacga	120
tggctcaaac	gacgtccaat	actaccgcat	cactctccca	acacctctca	aggccggcgg	180
ccagtacccc	ctcgccatct	catggtacta	cctcgactcg	tatcgccctc	ttccggnctc	240
gattgctcag	gacgaacaag	caatttctcg	ttacgacttt	tttctctacg	cccatcgctt	300
acccgacctt	gaacaaaaaa	ccgaggggtca	agttcttcga	cgggtcaacat	cccagactac	360
accacgacta	cccggccctg	gaggcaagga	agtatnccga	gaagcatggc	aagtaaagat	420
gcttgtagcg	acccttttga	cgaagcagnc	cggccggcgc	ctacttccnc	gccagggtcaa	480
ggttcgaagt	tcaccaaagc	ccgtcatcca	cgttgagacg	cttgagagag	acattgaaag	540

tcagccactg	ggggcgga	cggtgcgttt	gaggagagat	acaccttgct	tcatcggggt	600
gccaacctct	ntttcctntt	taaccgcgtc	aagtggctca	atctcagttc	ttncagcctg	660
ctacatggca	ttgaaggagc	tcaagttccc	tntcagaatt	ggcagcggtg	acccctactt	720
catcgacacc	attggcaacg	tgctgacctn	tcggttaaga	acaannaagc	caaaaggcat	780
tctggagctg	aaccccc					797

<210> 7672

<211> 749

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 7672

gagcgacaac	gatgcgactc	gaggattcgt	caactcttat	tcgacactca	acaccaacgc	60
gccgatccga	acaccacgag	cgccggcgca	ggaagaccac	attgccaatg	agatccgcaa	120
tatcagagcc	ctcaacgaga	cgcagtctgc	attgctgggt	ggcgagaaac	acttcttttt	180
taccaggggt	gctgggcttc	acaaggattc	gaaaggcatt	ggcgccccgg	aaaacaggtc	240
attggccact	tccgaaccct	tttgggccac	tcccttaaga	agccggggcg	gcgtcaatgg	300
tggcttggtc	ttggacaaga	cgcccattgc	gcaccccccg	agacaccttt	gccccctaac	360
caggaaagaa	tggggcgacg	ggcgacagga	gccactcccc	gggacgtgag	anttgcggca	420
aatggccatg	cggaaccact	gcaggctgga	ctggctgcgc	tgnccaagcc	caaggatata	480
gagtgggagt	tttgagatac	ccgaggacca	ggtgccgact	gcggcaaagc	gaaaaagcca	540
tggaggagga	cgcccgctcna	gcgggacang	cgaaagccgc	cagagacgaa	aagcccnagg	600
aggcgcttga	acggcgggcg	cagacccagg	tgatacaagc	gaggactttc	gcgaccgggtg	660
gttgtcgacc	taacggactt	tnttgganaa	ggccaaagag	gattgacgac	ccccnttgng	720
gcgcttattt	gccgangaag	gttgttggt				749

<210> 7673

<211> 938

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(938)

<223> n = A,T,C or G

<400> 7673

nntttaagag	gtcgccgagc	tgctacccaa	ttccagaccc	acgagtccga	ccgcgccccaa	60
cgagacacgg	acattgccgt	cgagacgctg	gctatgatgc	tcgagatcag	caccgagagg	120
gagggtccagg	cattttgtgca	aaagggtgacg	gccggcaagg	cccagctgcc	gcccaggacg	180
gccaccaggc	gctcggccgt	gtccgcaaaa	ctcgggcaag	cgttccgtcg	acgcccgaat	240
ccnacttaag	ccgccccccg	gacgaacaat	gtgagcaagc	acaattcggt	cccaaacc	300
gagggaaaag	ccggaattct	aagttgcgaa	gggttaggaa	ccatgtttgg	cggtcgacgg	360
cgccagaagc	gttcatgctg	ggcttcggct	ccctctntcc	ccagaaggcg	canggagcta	420
cctttgggcg	actcggcagc	aagccacggt	cgcggcgcct	cgccaatggg	atcttncagc	480
aacctccacg	agtcgaaccg	gctgtctatc	ctccccgaga	cgcccgacgc	agctcgacgg	540
ccgaagtcac	cgtcggacgc	catgcaccgg	gacagggaac	gcgagggcga	actgtcgacg	600
aacggggacg	gaaccacgaa	tggccttgga	gctggcgaga	gtctcttgga	tagccgagtg	660
ccagcgatgc	cacccttcga	gctccgtcaa	tggcaacctn	aacatcgaac	aagagcagca	720
tnagacaccc	gaaccgcggc	gtcccgccg	atgcgcggcc	atntnaacag	anccagcagg	780
ancccgncg	tcagccaaca	ttcaaggacn	acaaggnttt	acgataccgg	cgcccatgaa	840
catccatntn	ggaagccana	aggagnttgc	aacnaaaana	atgaccagtt	tttaactnaa	900
cattcaaaac	aagcccnttg	aggaaaagac	ccnaggcg			938

<210> 7674

<211> 115  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(115)  
 <223> n = A,T,C or G

<400> 7674  
 naggtctccac ggtcntggac cncnactggc gctggactna nggctacaga acactantnc 60  
 ataactgata nganggaac actaggagct cctcctatnn cctgacaacg agaca 115

<210> 7675  
 <211> 831  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(831)  
 <223> n = A,T,C or G

<400> 7675  
 tccttgactc gcccgtgtcc agtagaccct ttggcatcac gacggcgccg cccacgacga 60  
 cgctgcccac gcgcccggcc atggaccacc aacagcagca gcagcagcag cagacgaacc 120  
 acccgagcgg catggacctc cccagggcga cgccgtctc gcgctccgcc gagttcaagc 180  
 ccagcgactt cccgccaaag cccaacgact acgcacccag ggccgcccgc gccagcgact 240  
 atcccaaggc gcacgacttc ccgcccgggc cgtacgagta cccggtccag gtcgcccggc 300  
 cgatgcagca gctgcagtcg ccgtacaagc ccgcggtgcc gcagctgggc ctggaggacg 360  
 tcaaggccag ctgccaagcg caacctcaag cacctnatgt acctgcagaa ccagcggcgc 420  
 gcctttggct actcgtcgca ggccgtcgat ctggagtggc agattcgcgg cagacgggcg 480  
 tcttgatcgg cgagctgcgg acgctgcagg acgggggtccn ccggatggtc aaggacgcaa 540  
 agaaccaccg ctggcgacga tggttgtttg gaggcattct cgcaacttta tnccttgccg 600  
 tgcgcaagct gtttcgncgc ggccagacgc anaagtcgnt ggtttcgtca acaacaaccg 660  
 agtacgcctt ccgaaaagtca aaggggcttc ttgcagcggg tcaaggactt cgggtgnttcg 720  
 gccacggncg gctggngaag catggctttt tcgnnttttc cgtcctttac gtgttcaaaa 780  
 cgaggngacc ttnggggtgg gcaaaaacgg ngcaaaaacg ctttaagaaa g 831

<210> 7676  
 <211> 159  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(159)  
 <223> n = A,T,C or G

<400> 7676  
 nccgantcgc acgagggtag ngcacgtnca ttgagaaacg atgctgcctt tgagcgtcgg 60  
 ttccaacagg ttatcggtta aggagccatc catcacnca gaccatcttt atcctgcngt 120  
 ggcttgaagc ccaagtatga cagnaccan aaggtcaga 159

<210> 7677  
 <211> 675  
 <212> DNA  
 <213> Tricoderma reesei

<220>

<221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 7677  
 aagcagcagc ggagaaaaaa gcagaggaga agaaggcaga ggctgagacg acggcgagcg 60  
 aaaagcccga cgtggagatg acagacgccg agagcgcgaga cgacgcgaaa gcttccgccg 120  
 aactgcccgc cagcccacg actgccaaaag agtctgcacc caaagaatct accgaggcca 180  
 aggccgaaga aaagtctgag gagaagactg aggaggccaa accctcccc aaggacactc 240  
 aaactgacgt cgatgccgat gccgacgccg atccgtcatg accgacgaca agcccgccgt 300  
 caaagccccg aggaagaggc tgcgaaagcc caagcccaan gttgaaaaag nttgcngcga 360  
 cngcccttca tcaaataaag tcgatctcng atctncgagc atgtcaaagc tggccattga 420  
 tgccacatcg tctgctgncg atcctcgatc gaagtgtcca tgtctgacgc gcccggtca 480  
 aangttgccca nggagcgcg cagaggagatg caagacgaac cggccgcaag cggccaagac 540  
 tganaccang aagangacgg cgcttgcgac nggcaccnt ttggnccgga atganaatgc 600  
 tggctctgatg cttnacttnt gttatgacag tggcgcgacc gctttgtttc atcncaaagt 660  
 ggaaaacgca tcggt 675

<210> 7678  
 <211> 740  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 7678  
 aacccggnaa gggggccncc aaaccggnaa ttaancccc ggccaacccg ggggtaaggc 60  
 ccaanggggc cccctttccc ttnggccttg ggaatnggcc cggccttttt tcttnggccg 120  
 ncccaatttc naacnaaggg ggcccgnttc caaaccccc caaagaaacc aacccggggg 180  
 ttcnaaaaag gttaaccccn ttctggggcc ccggttcttt ggggggcctt ttggtttccc 240  
 cttcgggttc aaaggccttc ggccanccc cttgggttcc cgggcccggg gcctggggcc 300  
 cgtaccattg aaccnacctt cggaagggtc gggcgggccc cttggtggtt gtccgncgt 360  
 gggttggancc ttggaattgc cgaacgaacg aacgaacaag tnaccancaa ttcgagcttc 420  
 gggccncccg ccgcccggca ccgttaacgt ccgcaccgcc cgnnacgtaa gcgctttggg 480  
 cccggcggna gcgncccag ccacggngaa gcttggcgac gagctttggt ccgccagacg 540  
 ggcgtgggca cgaaggcttc tgtttcttgg ccttgcatct ggccgctggt tgcaggtgtc 600  
 gtgggaggcc ttgcgttggt ttcgctgata gtggatggtg gtagaacatt ttgaagtctc 660  
 ttttatacac gacatttctt tatcacgtgt aaattgtaca agatgggaaa gaacgagagt 720  
 gtgagtgaag attaccaagc 740

<210> 7679  
 <211> 758  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 7679  
 ctccggccatc agcactactg agcctgctct cttgcatcat caacgcttaa cggttggtgt 60  
 cctccattat ctatacagcc atgggaaaag aagaggatgt gattgaggtt aggcgagatg 120  
 ttgagagaga ctttcaacaa gatgagaagc ccgacttctc cggcggagct gaggaggttg 180  
 tcgggatgca agacctcgat cctgcactgg acaagaagat gcacttggtc aacaatgcat 240  
 tggatcagat cggctggaca aactaccatc tgaaactctt cttcctcaat ggcttcggat 300  
 acggtgtaga tgcgctccaa ctgtccctcc agggcatcat tgccgtccag gccgtcctcg 360

agttccagcc	atcgtatgac	aaaggcctga	ccatcgctct	atacatgggg	atgctcatcg	420
gcgccctgtt	ctggggcttc	ttcgccgaca	tcacggnccg	caagataagc	attcaacatc	480
tccctcttca	tctgctccgt	ctttaccatc	ggcgccccgg	tgcagctccc	aactggggcc	540
cgggctgggt	gtcttgattg	ccgtacccgc	gtttggagcc	cgggtggcaat	ttgatccttg	600
gatcgggccc	cttttcttgg	agtatntccc	cntccaacaa	agcaagtggc	tttnttaanc	660
ttggctgccc	gctttgggtt	tgggaatttg	gatgntacca	ttgccccggc	ntggnttgcn	720
tggggggant	tnatgcccc	acttttttct	tgnttttg			758

<210> 7680

<211> 260

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(260)

<223> n = A,T,C or G

<400> 7680

ntatngtcgg	atcggcacga	ngcccgtctt	acttctctcc	ttggtttcct	gttatcgcaa	60
gccagccagc	aaccatggcc	gtggcccgtc	ggcgcccatc	gtcggccgct	tccctcacag	120
ccctcgctct	ctcctcgacg	ctcctcccca	tcgcccgcag	ccatgcgctg	ccccgagaga	180
caaagaccgt	cgccgtccgn	gagctcaacg	tgggtgccctg	gcccacgng	acgcccgtgc	240
ccggagcctt	gccgggacct					260

<210> 7681

<211> 537

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(537)

<223> n = A,T,C or G

<400> 7681

ccaatgnctt	actggtnaat	ccacctaagt	ctgtctatcg	acaaccagaa	gacaacatca	60
cctacaaacc	acaaactcaa	actacacctc	aaatcaaaca	tcaacctcaa	cctacatcaa	120
ccatccacaa	caaaaccacc	acaatggact	cttcacaaat	ccaagaccaa	caaccgcaac	180
aaccacaaca	acaacatcaa	caagaacacg	ccccccatcg	gcaaagtgtc	ttcccccttc	240
atgtcgccag	ctcgactccc	ccgtgcgct	ccgcatccag	cacacctcct	cgtggaagcc	300
cagctcgctt	gaccgtcgca	gagctggagc	tccaggacca	gaagcacgcc	ctgcagatga	360
gtggcattga	cctcgatagc	gtgcggtctg	gacatcaggg	ctttaccgag	aggacgtgat	420
gtcgtctttt	gtttccttct	ccccctctat	acattatttc	aactccccct	cttggggaga	480
aagagatgtt	gttgacggag	ggagtcatca	tgaagttgat	gaatgaaaac	acaaaag	537

<210> 7682

<211> 390

<212> DNA

<213> Tricoderma reesei

<400> 7682

tattcacaat	gggttggttc	gacgacgact	ccgagcaggc	tcaggcctac	cagcagggtta	60
ccgagcgacc	tcacgaagcc	cagtggcttc	acgagctcat	cggagggtgct	gccgcttatg	120
aggctgccaa	ggcctacgag	gaccacgttg	ccgagaacgg	ccaccccgac	gaccacgcca	180
aggccaagga	gatcctcgcc	ggtgtcattg	gtgccttcgt	cgaccgcgag	gttgagacca	240
agggccttga	cttcatcgat	cgtgagaggg	ccaagcgcca	tgcacaggag	caggccgagg	300
cacagctcag	caaccagtac	ggagaccgat	ggtaaataca	gtcagataga	ataaaatcaa	360
aaatatcgac	ggtattgttc	gaagccaaaa				390

<210> 7683  
 <211> 261  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 7683  
 nagcaataan ccttccaatt ttccggcgcc accgaaactt cnaggggaatg gaaaatggac 60  
 atgccnnaaa tggngggcaa gggtaaangc cgaaaacnt tgnccggcca cagangntga 120  
 gcccgacttg agggcggtgc ggcccgccag acaanatctc ggccnttttt taacacagac 180  
 cgnggttaac ttgtaaccac aaccagacng ggtngacacg gcaatctacc acangccaaa 240  
 ggaactggag gcggaccggt g 261

<210> 7684  
 <211> 790  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(790)  
 <223> n = A,T,C or G

<400> 7684  
 tcctccccctt cgccatcccc aagaaatcac tgccaacagt ccgactcgtg cgccaggagg 60  
 gccatgcgat cttaagctca acgtcttctc cccaccaag tagcaaagac taccctcttc 120  
 cctcagcgcc gccaggactc tcccagccct tcagcgacca tgctcatccca ggctcgctcc 180  
 cagaaccggt tcgcctacct tggcaacgac tccgacggcg aggagaagcc cgctcgctccc 240  
 gttaagaccg tcgacaaggt taccctcgc actaccaagc gcaatgtcga gccccaggcc 300  
 cccagggccc ctgtgaggac tggcggcaac cgccgtggtg gcccggcgga aacgaggggtg 360  
 ctttcctgta ccgcgggctg gtcgcgaagc gcaaaccaga cccgtccac cgacgaggnt 420  
 ncccagatg gtnccttcng ggtggncaag cttgccgcg tccgtggagg ccgtggtgga 480  
 cgctttcccc gtgagcgtga tgacagacat tcttaciaag tctggtgtcg tntctggctn 540  
 ttaagaacaa ggttggtctg tcttggggtg caccanggc aacgccnact tgaaggacga 600  
 agcaggcccg tgaaggccat nggcgagtc gaaaaagaag gaggaccagg cccgangacg 660  
 ccggccgcga ngagccnctg tgaccccgaa ggacaaaagc attttcttct tcgactacct 720  
 ttgcccanaa aggccgaaaa naaaggccgc cttcangntt accttcaatt cngaccccaa 780  
 aaaaggcgag 790

<210> 7685  
 <211> 720  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(720)  
 <223> n = A,T,C or G

<400> 7685  
 gcacgacatt gaagactaca agaccctgga cgagcgcagt gctgccgtca ccaaggctct 60  
 agaggaagac tatgatgagt ctaccccgag ggaccaagtc agctcgcgca actgggttcgg 120  
 acgatgcgtc tttgaggcag acaatgacgt gtgcgacgac cagttcgtca cgattacctg 180  
 gcccgagtct gtcaagcccc ccaagcgggt gacgattcag atgggtggccc agaccaagaa 240  
 gcagtgttac cgcttctcct acttttacgg cgagcacggc gagatttaca cggactcgga 300  
 aaagattgtc gtggaggact tcaacaccaa gaagcagacg gtatacactc ctcattgtcga 360

acacaagggg	catggcgggtg	gcgacttggg	cctgacgagg	cagtttggtc	tggcctgcga	420
ccgcgtcaag	aaccatggat	gggaggcgga	aaaggcacag	aacgagtttg	tcggtgac	480
cgtggaagag	gtcattcgca	gccacgcaat	ggtctttgcc	gttgaggagg	cccgcacgac	540
caacacggtc	gtcaactggc	cgcagttttt	gggatagggc	gacaaaggag	tagagctacg	600
gtcgcaaagt	caagttgttn	ggaatacccc	atcgaaaagc	gtcaacgggt	cattgggcct	660
ttactcgtcg	tttttctgga	ctggatcgta	catttctcaa	tggttaatac	atcaattatt	720

<210> 7686  
 <211> 574  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(574)  
 <223> n = A,T,C or G

<400> 7686	
tcttcgagac	agcacggtag
gatccagcac	gaatctcctt
acagttgatg	gatccggccg
ggcccagaat	gcttatgaaa
ctccctgtcg	catctctgcc
cttgccaggc	tacatcgctg
ttggccaaac	ctaaatgtca
ccaacttttaa	tgcccganna
ggcggnccan	acacttcgtg
tttttcgaat	taaacaaagg
	cggangccct
	taaa
	60
	120
	180
	240
	300
	360
	420
	480
	540
	574

<210> 7687  
 <211> 671  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(671)  
 <223> n = A,T,C or G

<400> 7687	
tnaactgtcg	ctcttccacc
ccatacatat	tactactaca
caacagccac	ccgttcgggc
caacagaccg	tctctctccg
tctgcgccta	gccctcgttt
cacaagtaca	acgaccgtga
aacttgccgc	gcttctttgc
aangacgggt	ctggcaangg
ttccgnntac	caatgcccg
ttaagaccaa	gttttgagg
gacccgttga	tgaaggagaa
acttccgttt	a
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	671

<210> 7688  
 <211> 843  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature



<222> (1)...(843)  
 <223> n = A,T,C or G

<400> 7688  
 aacatgtgcg gcatggccgg cgagatggcc cgtcatgttc ttctgtgccgc tgtactttca 60  
 ggccgtcgag ggctcagcg ccacggccac cggctccatg ctctgtgccct cgaccattgc 120  
 cggcatgtcg gggtcgctcg cgggcggctg ggtcatcaag cggacgggca agttctactg 180  
 gccgacggtc gccagcttcg gcgtgctgtt cttgtccatg atgccctggg cgtttcnggt 240  
 ctggcgccgc tcgctctttg ggggtgaaat gcttgcgttt tggctgtgtc ggccgctngc 300  
 aaacggcggg gggcatcacc aaccatcctt natcggcctt cttcgccaac gcaagccaac 360  
 cgangaactc ggccgtcgcc attggctgct tcgtatntnt ttccgctccc ttcgnttcag 420  
 cgtcggcgctc ggcatthaagc tttagcgtgc ttcaacaggc ccttcngggg caagttggct 480  
 tcgcgcatcg gcaacaacna cnaccccgcc aaaatgaaga naaagtgcgg gcagaacctg 540  
 gacgccatca angacttgcc gccgttggtg cgggacaagt gccctcacta ccgggtgcat 600  
 atggcgctct tgcccgcgct ttgtttggct cggngctttc tgtacgtttg ggttagagaa 660  
 tnttgaaaag agganaaatg atgctntggg tgtccgtgat gganatctac actagccatg 720  
 gtattgttaa caacccttg aaaaaaaga taangaatcc ggaaaacttn tgtaanacgn 780  
 aagtccttgn nttcccgga tttgccatat cangcaacct ttttngnaa cacataacaa 840  
 tga 843

<210> 7689  
 <211> 430  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(430)  
 <223> n = A,T,C or G

<400> 7689  
 gagtacaagg tctttgagag gcgtctcatt gtcgccacgg ggetcacttc cgagcccttt 60  
 atgccgcact ttgacggcca ggaggagttt ggccgggagga tctttcacag caagtacttt 120  
 aagcagaatc gggacactct cgagacgtcc aaggccgcta ccgtgtacgg agggaccaag 180  
 tttggctggg atgcccgctt acagctacgc catggcggga gtcgaggtca aattgggtca 240  
 tncgatcctt ttggccatgg tccctgctgg atcgccccc tcatacctta cttccgttaa 300  
 gaaaaggatc gagaagcttg cgaacatccg cttctcactn gttcaagcct tgatttacag 360  
 cggngccngc cggtanacgg gcattcaacn gtttcttgnc cggnaccttt tattggccgg 420  
 gccntttggt 430

<210> 7690  
 <211> 593  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(593)  
 <223> n = A,T,C or G

<400> 7690  
 nctcgnccga ttccggcacga ggcttncttt atgcttttgc aacttaattc atcagtcctt 60  
 tttgacatcg tttttttttg agggcgcccg nctcgcacag ttntggcctt tcagtcactc 120  
 cttaagacaa acaaccatca tttacattct atatcgttcc ttgacnccta tattngaata 180  
 tcttcgtctg cctgaccgag cacgagaagc acacgtccaa tcgctacagc ttcaactcaa 240  
 gaaccgcana gggtcacgac tacttttnac cagaaccncc aagatgagct tgtccaagct 300  
 ctncgtctcc ctngctcgna ctggctggca ccgccattgc tggcgatctc ccgtccatca 360  
 cggccaaggg ctccaagttc ttctacccca acggcaccca ggttcttcat taagggtggt 420  
 ccgtaccacc angatgttgg ccagncccg angcaccnga ctcnagcacc tcgaccttaa 480  
 tngacccctt tctccaagcg aggccaaact caancgtgaa cggttccttt tgnttggaag 540

gcaatctggn gcacccaacg tcgatntcga acnttacgcc attcgantcc tca

593

<210> 7691

<211> 634

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 7691

nncggtcgca	tanntccatg	tgcggtgtca	atcactcgca	gcctggcccc	ggctctcacc	60
agacgccttg	ctgctattgc	tgctactgcc	antactgctg	tcagacccaa	gtttacaccc	120
gtcacagctt	ttgccagatc	aaagtcaaac	atggccgacc	agaccatcgt	ctacaccaag	180
gatgccccct	tccccctggg	cccctattcc	caagccatca	agacccccac	ggncatctac	240
tggttcgggc	caaaatcccc	cctcaccgcc	gatggcacc	tgnttggagg	gcacccattg	300
ncgaaaaaga	ttncgnttgg	tgctgcgaga	acctcgaccg	cttgtcttca	aagcaggccg	360
gttnttcctt	ttccaaggtc	gttaagaacg	accatttnta	ttctccgaca	tgggnccant	420
tttgcttgaa	ntgaaaccgg	gagagtncga	aaagggtttt	ctccacaagc	cccgcccgaa	480
agntggngtg	gcccgtnaan	acgctttctt	aanaaacggt	cnnctttgaa	natgganggn	540
catttgcccc	ttgctttnaa	gggtanaacg	gnttgnttgg	aaaaaaaaang	gctggtaaaa	600
aggtttacca	tnggtncctt	aatacataaa	agtt			634

<210> 7692

<211> 381

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 7692

naaagaatct	ngttagcggt	ggtnttcctt	tacggggggtt	ggnttgtggg	gttgggtgnaa	60
aaaattttat	nggggttnac	ggagncaaac	cgggnaaagg	attaaccggg	cnggatttgg	120
gtttgaaaan	aaccacaggaa	ttgggggggtt	ttggggnaag	gggcnaattn	aattttgggg	180
gcntttngtc	ttganccctt	gcggggacca	aatttngggt	naagggaaaa	aattngggaa	240
nggaggaanc	tttgtnggaa	ctgggtttcc	ggncggagga	attcaaggaa	ggggcggant	300
aaatcctnaa	tnggggtttt	aaattcntac	cattgganga	ccaaaaaccc	ccgagggaaa	360
aangattaat	tnatgnatgg	t				381

<210> 7693

<211> 721

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 7693

ggcatcagag	ggcagacact	ccctcatcca	cccacaagcg	gaaactcgac	catgcggctg	60
ctgcgtctaa	agacgagcgt	gagacagaca	acgacgtgga	cgaagaggac	gaggtccgga	120
ggaaacggag	cagacacgca	tcacccgaga	ccggccgcag	gaagccacag	ggaccctcgc	180
agggcggtcca	agtccagatg	ccctcgcggt	caacaacgcc	cgccgactcg	caacactctg	240
gcagttcggc	agcggcgacg	gcggcgggcaa	agtctacgac	gaagctggca	acctctcttc	300

cctcccccca	ggccagcaac	ctggcaactc	ggcggtcatc	ctcctccatg	agcatccaac	360
aagaagcacc	accacaacca	caaccacagc	cacaacaacc	gcaaacgcac	cccccgcaac	420
ccccagcagc	atcaacatcc	caaaaccaac	aacaaatcga	cgaagacgaa	tgggcccgtt	480
cgaagccgac	atcgccgccc	aaaccgcccc	tacgacgccc	acgccgtaat	ctnccgtccc	540
gncatgaccg	ncgaggaagc	ccgccgccc	aaaggangnt	ggttgctggt	gctgctgctg	600
gttgagcaag	gaacttttctg	agaacccttg	aatnttcgca	agacaaangn	cagacgcnga	660
cattgaggac	nagcgcgaan	aggctacnct	ggcgcttgga	ggangagttt	gagganatgc	720
a						721

<210> 7694  
 <211> 271  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(271)  
 <223> n = A,T,C or G

<400> 7694	
gggccttcta	ccgacggcgt gtagtcccac atgacgaggg gaatttcttg aggaaacaag 60
tttctcgaaa	aaagttttca aatgcctaaa gcgagaatat ctatccgagc caacggtgct 120
tacttttttt	tctcttttgc tncctttctt tctttctttc tttctttctt tctttctttc 180
tttctttctt	ncttcttccc ttncttactt acttctctcc atccttctct cctttctttac 240
ttcttctgtn	cttcttctct tnccttcttct t 271

<210> 7695  
 <211> 394  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(394)  
 <223> n = A,T,C or G

<400> 7695	
nttttnagac	natcngccga gggagcttca tcaccatcat catcctcatc atcgccatca 60
tcgncgccat	cagcttacac tcacacgtgc agagctatcg aaaccttctt tggacgcaca 120
gtcagcaaga	cgccacaaac ttgtttgacc acccgatata atacataaag agtcgagtca 180
agacacgaca	ngaacaaaga aacaaaagca aaggatacat ccctacctag acggacaaaag 240
gggacaaaag	agcaactaat cactccgcaa tcccatctcc tnaacgcccc acagccacgc 300
ttaccggnag	atcacatcat atcacaccg gctctaattt nttnttggct tctctctctt 360
naccggtggc	tncccacat cgggcgcttn tttt 394

<210> 7696  
 <211> 892  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(892)  
 <223> n = A,T,C or G

<400> 7696	
caagacgttc	aactcgcata catcaaattc attatcggat ccaccagccg agccaacggc 60
tttcgattca	agtcccgtcc gaaatcgact cgactcgact cgactgaaac cggtctctgt 120
cgaggcaaaa	agacccttgt cgctcgtcct gtcttttttt gccctcgcgg cgtttctcgc 180
gccccaccac	atcagcctg ggccctcttt cttcggggcc acacggccga agaggcgaag 240

ccatctaggg	gagttccac	ggaagccctg	cctagccact	cagctttgtc	agagcaaggc	300
gtgtgagaag	aagtgtgtga	gaaaagaaaag	agagggagag	agcgtgtgtg	tgggtgtgtg	360
gtcaaaggct	ttgtcgggac	cggcccaagc	aagacgagcc	agggaaagtcg	gcggtccttg	420
ttccatgccc	ttcccatctt	tggtcctgtc	cctgctcgt	ccgtgtcaag	cccattgaga	480
tctctaaccc	aacgggaccg	agtccgtttg	cgtgcgtgtc	tgtctgcgca	ttttcngcgt	540
ttccaccttc	tctttttccc	gtccttgctt	gactctctct	tcttcctttt	ctcttcaaac	600
catacctact	cttgngttta	ttttaccctt	cggatctttc	cccaggccat	tgggtttttc	660
ttgggtcttg	cttgccggtc	tgccacgcn	ggacatgcc	gcctttaacc	cttttcctcg	720
gtgacnggac	gtcatanctt	cagtcttctt	cgatatcagg	ttagaagana	acttattgtc	780
tttccgcgga	aacnaacagg	aattcgtccg	gacagntctt	naaggcgtgn	cggggctatt	840
gtttttcttg	cccttccgct	ggaggacatc	nccttcgcct	ggatnnggat	tt	892

<210> 7697

<211> 1654

<212> DNA

<213> *Tricoderma reesei*

<220>

<221> misc\_feature

<222> (1)...(1654)

<223> n = A,T,C or G

<400> 7697

ccagttgcca	tccccgatga	cttgatcaac	accgctgttg	aaaaggagtc	tgaggcgctg	60
gagaagcccc	aggccatcac	cgagcgctc	tggggcttcg	cggcccgtat	cgatcccacc	120
gtcaccttcg	aggagtacca	gtactgggcc	aagatcgaac	gtgaggagga	gtaccaggcn	180
aacctcgagt	tcaaggctga	gcacgggccc	cgaaccgtca	agagcgctct	gcttggcncg	240
cttctccang	ggcatccacc	acgagaataa	gaagaaggcc	gaggctgctg	ccgttgctgc	300
tgctgccgct	gccgatgctg	gcgatgcctc	tccaacagat	gagaagagcg	gcacgttggt	360
cgcgccgcag	aagagcgtag	gcctcccgc	tgaggcagaa	tgggaagcagg	cttctcgtgc	420
catgcgaact	gccagctggg	gcacatggt	ctacctcatc	acgactgaca	tcctgggttg	480
gtcgtcaacc	ccgttcgtct	ttgccagtgt	cggcttcggc	cctggcgctg	ccctgtacat	540
tgtctttggg	gccgccgctg	ccttctccgg	ttacatcttg	tggaaagtct	tccttggcct	600
cgactcgtct	cgctacccca	tggtttcggt	tggtgacacg	tactttcgcg	tgtacggacc	660
gtttgcgcgc	actttatcaa	cggttgcca	ggccatncag	caatttcatg	aaccgncngc	720
cgtgcntgat	tttcgggcan	gcgggcaacc	gaccaatttg	gcttcagctt	gggccaagcc	780
gnagaaaaga	atcctgcttc	atcgctgtc	tcacatctt	catggngng	ggcatggtct	840
ttggcagcat	ncgatctttt	gcagcgcac	ggctggctcg	ccaacctgtc	cgctggatca	900
acaatggctt	cttcatcatc	atcatggttg	cgtgcgccaa	ctaccccatc	gactactccg	960
ccgtgaccag	cttgaacggt	gatcaagacc	attgagccca	ttaagctgtt	tgcgggcctt	1020
tcccccgga	cagtaccaag	caagcaggcc	acgggcttcg	ccggggcatt	tcaaacggca	1080
ttcaaccaag	atggtgtaca	gctaccggcg	gtggcctgtc	ggttcattgg	ccttctcgc	1140
ccgagatcga	ccacccttgg	gacttttgga	agggcacgtc	ctgcgccag	acctttatct	1200
gcacgtctca	catcttcttc	ggcgcccttg	tctatggcca	ctacggacag	tactctgcct	1260
ccaacatcaa	caacgtcatc	cagcctgtga	gcctgcagac	tgcaacaac	gttctcggtt	1320
tgattaccgg	agccattgct	tgtctcatgt	acatgaaccg	tcggcatgaa	gacagtctac	1380
gtcgaagtct	tccaggagat	cctcggcctg	ccccgatcac	gacccgcagc	ggccgntggc	1440
tgtggtacgc	cctgggaccc	ttntactggg	cctcgccttc	gtcgtcggng	ccgncgtccc	1500
aacctgaacg	gnatcttccg	nategtcggg	gcccttctna	ttcttaactt	cactacactt	1560
tcccgggctg	tctgtacatt	ggataccgca	ttaaaggcgg	acgcccgnct	tgcgccggga	1620
gggcttttga	tnccgtgaac	cgcgtgacga	cccg			1654

<210> 7698

<211> 493

<212> DNA

<213> *Tricoderma reesei*

<220>

<221> misc\_feature

<222> (1)...(493)

<223> n = A,T,C or G

<400> 7698

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cgtgctcgcg tcttttgcgt cgaacncggc tccatgccgt ggcaggacgg cggggctgtg      60
gcgttgacgg cgacgggggc gtatgtcctc gcgtacctgg gcctgtcgca gcatccgccc      120
tttgagattg ttgtcttctt gctcgtgttg acncggggtt gggagcgggc tgataaatgg      180
gagctggaat agctgggttg ggggcttggt ttcacgggag cacgctgctg ggctttctgc      240
atgggttctg gggggctggg gctaccctgt ctnccatctt ggtttgcgc ttccttttct      300
ttcttcttgn cgttgtttct ggtgtgctca ggctttatct ggcattgtta gtaatngat      360
ttaattactg atgccctgct gtgtagatta cgagaattgc gaccaangta gagcattggg      420
ngatcttcta taccatgana accgggcttg cttgngtcna ctgccangcg tacatnctct      480
tttggnacac gcc                                                                493
```

<210> 7699

<211> 206

<212> DNA

<213> *Tricoderma reesei*

<220>

<221> misc\_feature

<222> (1)...(206)

<223> n = A,T,C or G

<400> 7699

```
gagactcttc cagacaaaaa gatccgctca actcgaaacc gtcaccatgt ccggccacat      60
cctcaccctc agctgccccg acaagccccg catcgctccac gccgtcaccg gcatcttcgc      120
ctccaagagc cacaacgtcc tngacctgca gcagttctcc gatccccgtna ccaacagctt      180
cttcatgcgc gtgcactttg acacgg                                                                206
```

<210> 7700

<211> 322

<212> DNA

<213> *Tricoderma reesei*

<220>

<221> misc\_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 7700

```
cttctacaat gcagttgatc agtccctca tctgtctctc cctctccgcc tccgtggccc      60
aaagcgccat cnccattggc aatcaaataa gagaaggagg aacgcactac aatgtggcgt      120
ggatcgaggg catcaacca tgccaagccg acgtcgccat cggacccgag agcggccgcg      180
agtgaacaa gaacttccga cttgacggca ccgactacta tctcgtcgga tgtaccgatc      240
ccaacacggg ctacgcgcag aatccgcaga ngctgaggcg ggtcaaggat gattcgctgt      300
atngaacctg tgcgcctgtg aa                                                                322
```

<210> 7701

<211> 160

<212> DNA

<213> *Tricoderma reesei*

<220>

<221> misc\_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 7701

```
ncggaaaggg cnaaccccag ctngtacaca naaataccca gacacgcgtc cngcgaaaag      60
tcgatacaaa ctaaggttag antgtcgga gantcgctg aanatgcttt agntccctcg      120
```

canangatcc gcaggggnct ttggtnggat acatggaaac

160

<210> 7702

<211> 657

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 7702

caggagacga	gctatcaggc	ctacagggt	agccctatg	aggacagctc	gatgggccgc	60
caccgcagcc	cgctctatgc	gcaggacaac	ggcagctcgt	ctggcctggt	gcacaacgca	120
gtaggcccg	ccgtggtgcc	ggcaccatat	cgagacatgt	ctcacgagcg	agcgccgagc	180
cccggcctcc	ctagcggcta	ccacaacgtg	gccctggatc	gggctcggag	cccaggggtc	240
ggtgtgcccg	cgccagtgcc	cggcccagga	atcggcgggc	cgcggggata	cagcggcctg	300
cctcagcagg	aagacacaga	gagccaggag	atggatccca	tgcagtacaa	ctactttaga	360
gggggatccn	ggccgacaaa	gcctnccgga	cagggctggt	aaaggaagag	aangaatgtg	420
aatagacnng	accaagatga	tgaagaaaag	atatatat	cttgtatttg	acacagtggg	480
ttaactgcat	ggcgtttttg	atttagacta	natggccgag	accatgatga	attgggttga	540
aaaataggca	cgggtgcctt	gacattttga	gatttttata	tgaatacaag	tttatgtctg	600
actttttttt	tggatagcga	aaaatattaa	cgacactttg	tatattcnaa	aattttg	657

<210> 7703

<211> 270

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 7703

atgcatgcac	ccactctcac	atcggtctacg	agggcaccga	cgccttgacc	caggtcacct	60
ccctcaactt	ctcaaagtcc	gaccgcgatg	gcttcaggat	tntcacaaag	gtnatgatcc	120
tgcaccccat	ngccgccggc	ctcaccttct	tggccttcct	tctctggctg	ggcaccagct	180
tcctcgntc	ctttgtcgcg	tccttcttct	cmttntctggc	ctttgtcgca	ccgtcatcgc	240
catggcctgc	gactttgccc	gcttcgagaa				270

<210> 7704

<211> 673

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 7704

gcnctcgatg	ccgagacgga	nacgtcccag	tnttgnatga	tnccgcnatg	gggcaccgng	60
tacctgctct	cccaccgga	cacggtcant	catgtatcgg	tcgaggagct	gaaacagccc	120
atgcttacgt	ttggcggcca	cttgctctcc	ctgctgggca	ctcctcagtc	cggatctctg	180
cctttgcgac	tctcgacctt	gggtcgcatc	cgatctactg	acctgttgct	ccgtgcatcg	240
tctactctgg	gatccnttgc	gaagattgtc	tnttgccttg	ccttccattt	cgatccctcg	300
gagcgtcgca	gaccggtggt	ctccaagaac	natncatcaa	cctggaactt	ggtttgcgnc	360
cgatctttgg	cggacccgaa	ngacttgatg	cattgchnaa	aatggccgag	gaagaggcan	420

aaaaggcttt	tttttgagaa	agcatggng	gacaagntgt	attnccgga	caacacaaga	480
ttgccgtcta	cctgccgttg	cttgggccgg	cgttgtgccc	ttgatctggg	gctnatcaat	540
ganatcaaga	actcgtcaan	gaggcnaaca	anaangcctt	ggatgctana	ancaagaaac	600
atcagtagca	agcttggcta	natnngtttt	ttgggttatac	aataataaaa	aaatcccacg	660
gtgcctttta	aaa					673

<210> 7705

<211> 544

<212> DNA

<213> Tricoderma reesei

<400> 7705

gaagtgtctt	ccctgattcg	cacctcgatc	gaggagacgc	ctgcggggga	gcgcgtgctg	60
gtgctgggct	gcggaccgga	cggcctgatg	gcacagggtc	gcaacacgac	ggcggcgtgc	120
atccgggtccg	acgggccggg	cgctcgagctg	cactgcgagc	agtttggtctg	gtgatgccgg	180
gatatggcct	tgtgcttctg	catcatttcc	ctttcgtcta	tctgtctgtt	caataacgtc	240
gttctgtgcc	tctagaaaag	tgtttttttt	ttctttgtct	cgtcacattt	gcagcatctg	300
tcgtcatgtc	cgtcaaggct	ttctggagtt	tgggtcattt	ctttgcatct	ccggtgagat	360
ggtataccat	gtcttttcc	gttccctctt	ttctgttgct	gtttcggagg	aaatgagcca	420
ttccttgata	tatggctctt	gtatatatat	cggttctcct	gatttcgctt	ggcgaaacat	480
gtacatatga	tgatataaaa	gtgcgccata	ttatgttcat	atgttaatat	aacacaaagc	540
atgc						544

<210> 7706

<211> 407

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 7706

gattttcggt	tccttctctt	gttctctctt	gcgccttata	ccctcgctgc	cttgatcctg	60
tgtctcgatt	caaattcttc	acctctcgtc	ttcttctctc	tttggttttt	ctcctcgccc	120
ctttgcgtcg	cttttttccc	cgatctgcgc	tccttttctc	aacggcgctc	gtgaccgat	180
tacgacatca	ccaactctcc	tcaaacaccg	ccgtttcctc	cgcgctgcgt	gaattttttt	240
agcaaacaac	catcgcaatc	atgtctgggc	gttacgagag	ggtaaagcc	cacgaagaag	300
acgaagaaca	tgatgttcac	agcgccgacc	caaatcccaa	ctnggcaccc	cggcggttca	360
ctccgggcct	tcttggcgac	acgaaatggg	cgggtcaaca	acgatct		407

<210> 7707

<211> 624

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 7707

ctttaaaaac	ctgcgtcagt	tgtgcttctt	gactttctca	ccttcgtctc	acgctgtcgt	60
ctctgcgtct	ccgactctcg	tctgctcagc	gctgcagctt	ttccaatatc	tgctcctgc	120
tccccaaact	tcgacgtctt	atctgatgga	cggctctact	ttccacaatc	ccatcaatcc	180
atcattcgac	gctctcgac	acaacctcgg	ctcatccaga	ccaaagcgca	aaccgacgtg	240
acgcagtctg	tgttttcaag	cgaatcgaag	gggagaaacg	agaccggcta	cccagggtcg	300
caagaccagg	acgaagtgga	cgtctgattc	ccagccattt	ccttgcatcg	gacttcggac	360
gccggcgact	ttggtcaatc	atcgactatc	tagcttggag	gntggctggn	caacagaagc	420

cacatcagta	gtcgacctcg	caagaaccga	tatctctttc	ttccttatcc	tttcaaatcc	480
acctgcacaa	agccttgunc	acaagtgagc	atctcaaaat	gatgaaccac	gcccagagtca	540
aagcccttca	agggcaacgg	gaagacagtc	ttcaagaagg	cgatcaagtc	gggtcgtgcg	600
tcggggcgct	agcacgccgc	gagg				624

<210> 7708  
 <211> 662  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(662)  
 <223> n = A,T,C or G

<400> 7708						
ncgttntcan	aggacaacga	gctgtcgcgc	aaggctgtct	aggagatgaa	ggaagtcata	60
gtanacttgg	agcaaaggct	cgtngacctt	cgcaaggacc	ccctcagcgc	aagcgacctc	120
ctcggcgatg	gcgccaaccc	cctgggcggn	atcctcggcg	cncgctttgc	caatctgctt	180
gccgacgtgc	cangccccc	gtcaaaaang	gcaacgaana	aanccctgga	ccttgacggg	240
ccttngtgcc	ccaagaaaaa	aggccanggt	ggatgaacgc	cnaaccgcga	accgncaatg	300
gttaagccca	aggccgacga	cnagtctacc	gaacttgaaa	ccaanaggac	caaggtcgag	360
gaggaacanc	aaactgtgga	ggcgganaag	taatctatcg	gcgcncttga	tcaatttcca	420
ctttnttggg	ttccancatt	cgaggaccaa	actcngatga	aactttattt	gcaaatttgg	480
tttctntttt	tttggtctgg	gcgancccat	tttgaaaacc	cgattccccc	ttttaanttn	540
gggggggaaa	caaaaaggaa	aggaatttan	ggcgtttgga	aaggaaaagg	gggatnngca	600
aaaaaaactt	tgntntgaaa	aatgcttttc	caaccaacca	attaaccaac	naattncccn	660
tt						662

<210> 7709  
 <211> 413  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(413)  
 <223> n = A,T,C or G

<400> 7709						
caacttcacc	tacaatgcaa	gccactagac	gacaagtatt	atcctcggcc	cagcgccttg	60
ctgctggtgc	ctccaacaga	ctcacacgac	cagccattgc	acgatcagcc	ctcaagcccc	120
tcctcctctc	agcagccccc	tcagcacgac	tcctcccat	ctcaatagta	aggacatatg	180
ccaatggacg	tccaaaccca	ccaggaggga	cccatnngat	gaacatggga	ggaggtgang	240
caggagaagc	ccngngctga	acagtacggc	gtggacttga	cagncaaggc	tcgcgagggt	300
aaagnttgga	cccggtaatt	gggccgagac	gcagagatcc	agccgtcaat	ccaagatcct	360
ggtctcnggt	nggacaanag	aaacaattnn	cggtcccttn	atcnggaaaa	tgc	413

<210> 7710  
 <211> 322  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(322)  
 <223> n = A,T,C or G

<400> 7710						
ttttccccc	aaatacttcc	atcaacaccc	cccaaactcc	tcgactctca	gtcaccgcga	60



ctcgaccgac	cggaaaaaatc	atggaggagg	agcgtctttg	gaagttcagg	aagcccgagt	120
ggctcaacag	catctggggc	cggaaacgctg	gcgtctacgg	tgccggagct	ctgttctccc	180
tcgccttcta	tgtcatgctc	gactccgccc	tctgggtccaa	agtcgggncaa	gaaacggatc	240
caacgttcac	cgtcaaaatt	ccgtcgactn	ggctggccgc	tcatcttttc	caagcctcgg	300
gcatgcttaa	tcaattcaac	tc				322

<210> 7711  
 <211> 861  
 <212> DNA  
 <213> *Tricoderma reesei*

<220>  
 <221> misc\_feature  
 <222> (1)...(861)  
 <223> n = A,T,C or G

<400> 7711						
cttttctgct	tgctctgcct	ctgacactgt	cagccacgtc	tottggctac	gctgtgccga	60
aaaaagaagc	cgtttttaga	ccagttttcc	atccttgcgt	tgggcgttcg	cgttccgttt	120
gttgggagca	tatccgccgt	cgtaccttgg	ctctctttct	tctgccccgt	gcaaccgcc	180
gcatctactt	gtactgcctc	ccagaccacc	ttgaggtctc	gaagccatta	cgacgactga	240
cgccccgaga	cgagcgacgg	cgagctctct	gacgaagcac	cagtacgagc	gcgagcacga	300
gaacgagcgc	attggcgatc	tttgttttgg	ctccctgtcc	agcgccgaat	tgtgacgaag	360
atacaccgcc	gtcggtcgat	tgcgcaatat	ttcacccgcg	acctcggatt	ttactcgata	420
gcctcaccgg	gggcgcctct	cgtgatatcc	tctacctccg	cggaagtagc	ccgccctttc	480
gccaatcccc	ccatttctcc	cgaaaactca	aagcggcgctc	tcctgttccg	atccgggtcaa	540
atcctntctt	ctaccgcggc	caagaatatc	atgggcaaat	ngcagtcaaa	actcttcgca	600
ggagcaagct	cgccgagctg	gaagaagtcg	acttnatttt	gatnagaaag	gagttgagca	660
gnnggtacaa	aaggtttttt	gaaagaatgg	cccttcggca	ttgctnttca	aaagaggagt	720
ttcagaaaaa	tttaccggna	ggttttccat	ttggagaccg	ngttcgttgg	ccgattgtat	780
tcaacgggtn	catagcgaca	agtttggnan	cattcgncct	taagngttat	ttgcgcctcg	840
agcggtaacc	accngggaaa	a				861

<210> 7712  
 <211> 905  
 <212> DNA  
 <213> *Tricoderma reesei*

<220>  
 <221> misc\_feature  
 <222> (1)...(905)  
 <223> n = A,T,C or G

<400> 7712						
catctctcct	tcagaaccct	cttcaaacct	agaaattttc	acctctctct	ttcagctgcc	60
tgctgccatt	ctctcaagcc	acacgcctgc	tttactaca	cactacaact	tttcttttaa	120
ctctctcttc	gctcctttga	catcatctac	cttacctatt	cgcgccagac	aacctcatte	180
aacaactgct	tcgtcccttt	gcaacgagcc	tcttttgccg	ctcgtttttt	tcccgtcctt	240
gtacaacaca	aacaaacgac	ttcgataccc	aggctgtaaa	tcggctctca	acagacaaaa	300
aaaccacaca	atcacctttt	attccctcta	cgttgtcaca	ttcaaaccat	ggcatcaatc	360
ctagggcaca	tcatccccct	cgtcatcgcc	atcggccttc	ttagggggac	cggtctgggtc	420
cctttaccaag	atctancctt	ttccttcgcc	gtgatgcgcg	actccgcctc	cgagcgcatg	480
ggccgcagca	acgtcgtctt	cacaaaggac	ggcgtccgcg	tcggcgtccg	ggccatgcag	540
aacgaaaagt	acgtcgacaa	gacgcagagc	tacgtcgtca	aggcgtggaa	cttgggcacc	600
gcgagagggg	acgaggaaat	gaaacgaaaa	ggctcgaaat	aatgaagccc	gaggaggaga	660
gtgaggaacg	agcttgagct	tggggatgat	ggcaatctcg	acgaattgac	atgtgacagg	720
agagcgcggc	acgtgcaagt	tacttgaact	gcttgacagt	atgggaaaacg	ctgagtacct	780
ntaccggttc	tnntaaaggg	tcgncatgca	tatcctatga	tgnaactntt	tnntatnttg	840
naaccgaatg	caccnccttc	ccgataccaa	ttccattaca	agcatttttg	tganccgcaa	900
aaaaa						905

<210> 7713  
 <211> 349  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 7713  
 ngncgcccag gccaaacccc aagctgatct tccaangagg aagaagagac tgccgccacc 60  
 accgangccg ccccgctcatt ccttccgctc angccaccac ttcccttgcc gtcgatgtca 120  
 caacccttgc caccgcgtccc actgaaacca cttgangcct gttgtgacca acggcgaaaa 180  
 ccaagaagga caanggagaa gcccaagtct ttccttgcc ttacctttgg caagcgtgac 240  
 aagtnttccg ggcccggct tccganggcc aagganaant tcacaaaggg gcccttnttc 300  
 aagcttcgtg ctacattaaa ggcaanggcn cccccaanct taaggacaa 349

<210> 7714  
 <211> 372  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(372)  
 <223> n = A,T,C or G

<400> 7714  
 nagngcgccg antcggcacg aggtaaactct gctgcgtcct ttctgctttc caccgcgtgt 60  
 tcttctctct cctcctcttc ctctctctcc cgccaatgcg ataaacgcac ccatctctct 120  
 tctctctttc cgctcttgca tcgcccgcgt cgccaccaac acgcccctgc agtactctct 180  
 gccctctcac caaccacca cttnttccct ccctcgtgac agatcgngca acccgactcc 240  
 ctngacctcc cacgcttcga agcgcgcatt ccgctgcccgc cccccccga cttcacgata 300  
 gctntctcaa tctgccaat ccacccccat ccggcccgtc gcgatggctg acttcccanc 360  
 caaatgctcg ac 372

<210> 7715  
 <211> 545  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(545)  
 <223> n = A,T,C or G

<400> 7715  
 nncgattcgc acgagcagtg cctgccgctc ctaaangatt ggacccgaga gggaggagag 60  
 aagaagaacg ttctggatgg ccttttgca ggatcgctat gccagcatng gcnccgggtg 120  
 gcccatgacg atcgacgaaa aggacatcaa gaccaacatg ccttcgctcg acgaagcttt 180  
 cgacatgagt cgtccggagc agacgcttac tctggaggaa tgtacgagcc catctggggc 240  
 cggcaagctc tcgtcctttg gcggcatcat cctcatggcc tgtctgttcg gccgcaacct 300  
 gattcatcta caccggcccc acgacgacga cctcgaccac gacatcaacg gccggttctg 360  
 gaagcgccat cgacaaatgg accacattct cctcaacaca tctctctgcc ttctctccca 420  
 ccttnaagct tcccggcggc ctggccaaac cccaacggtt gtattttacca acatgagcat 480  
 tcacacgtca acgatctggc tttcaccaag gcagccatct tnaaagcgga ggcgaaacaa 540  
 agctt 545

<210> 7716  
 <211> 660  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(660)  
 <223> n = A,T,C or G

<400> 7716  
 gttgctactg cccctgcgtc aatgagggat gaagggatga agctgctcag ttacacccac 60  
 gtgctcgcgt tagagcaggc catcagcgct atatcctctg gcgtcccccagaagaacaatg 120  
 ctgcaaggag cgggcggttct gtcccaattc ctccctggcct ccgcacgcgg cctgtcgcca 180  
 gtcgacacct tctatcccgc tggcctcaac gacacctcgt acatcagcaa cagcgcgctt 240  
 ggcacgtacg gaggcactta cagggcgccg gccaacgagg ctttgcaggg ctcttcatat 300  
 ggcatctacg actactgctc gatgccgcat ccgcgcgtga gcgagtatga gatgccaaa 360  
 ggaccgctaa ccgccaagct ggtctatctc gagtatatgc agagacacca gaggcgctacc 420  
 atgtacaatc tggcccctgg tggagagaac caaccatttg attgctcaa gctttgaagc 480  
 attctcatag ggcagtcaag cacacggcac cagtggctct cagggtctac ccagcgctct 540  
 cacagaccgc aacaaccgct ttgtcgatgc tcttgccata cgtcaactcg acatgcttct 600  
 ttcctcagtt gacactggcg gctctngacg gngtccaaca cgggaaggat ctntgggctt 660

<210> 7717  
 <211> 669  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

<400> 7717  
 cgcaccagag aaggacgaag accctgtgcy tcatgaaggc ctctgggtta ccatcacgcc 60  
 gaccagcagc gctagcccat tcttcgacac tctgcttggt cttgtcatca gccccttgggt 120  
 gacgctctcg attgtgtacg ccctcttgggt cttgcgcgcg aggattcgaa ggaggagatg 180  
 gcggggcccc aagtccgtgg tcgagcgtct tccagtcagg acctaccaca ccgttgcccg 240  
 ctgccccagc atgtctccca gagtgccttc tccgggcagc gcaacgcgga cgacgcggtt 300  
 gttgcagcac aacaacagtt ccagcccgcg caggtcgaga cctcgctcca ggacgaccac 360  
 tgggggtcttg gaaagtgcaa acttcttggc cccgactccc agtgacctgt cactggcgcc 420  
 gcagaaccct cgccctaccg ctccagggcac gaacgaggag ccgtctcggc agagtggaaa 480  
 aagtacatgg gaaggcaggt ggaatgcgtc gtctgctttg gaggagtaca tcgacggcgt 540  
 gaagtaaggg taatgaggct tccttngggc cacgaattta cgccgactgc atcaccctt 600  
 nggttgacca ctgctcgacg aacatgtccc atcttgcaaa gggggatgta gttccgctct 660  
 ttggcttcg 669

<210> 7718  
 <211> 703  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 7718  
 ggtcgaggcc tttggcgcg agacgggtcca catggacctc atctacgacc atccggtgct 60  
 gcagcagcct ttgctcctcg tccaggaccg gtcacgtgac gcctttgggg gccgatacac 120

gaggcgggcg	cacggcaacc	tcaacgtccg	gctcagcacg	ggcgagtgcg	acgccaggaa	180
cctgcggctc	gacgactcgc	ggcccaagga	gtgggcgtgg	cggagctccg	tgtgccaccg	240
gtgccgtccc	ggcgaggagg	tccagccggc	cgaggactac	tgccggttcg	gccagtcgcc	300
gtggcatctc	atgtgctggc	actggccggg	cgagtggccg	acaaagtgtc	tcataggagc	360
catgggggtg	ctctgcagct	gtcgtcaagc	gtgagttttt	ctttttcttc	ttccattctt	420
ttcttcttct	tctcttcttc	cctttctcgg	atgtctcaca	tctacttaca	tacataccta	480
tactactaca	atgagaatgt	atgtattata	taagatatat	ggagggcatc	gacgtcctat	540
acgccacaaa	cacgttccac	accgcagcaa	ggnaatgata	ctnagcctcc	gtcattctct	600
tccgagcgnc	ttgccagcat	cgcgtcgggt	ganctgctgn	gggaactttgc	gccctttcca	660
ncattcaccc	ggaggnggtn	aagccgccgt	tgtcggacat	tgg		703

<210> 7719

<211> 590

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(590)

<223> n = A,T,C or G

<400> 7719

cggattgaca	ntgccaaaga	cgtgctgctc	tgggcgaggt	catcatactt	tggcctagaa	60
gatatgaagg	ccaagcaagg	ctgctggaca	tgtaaacgtg	ggttcactgt	tctccagctg	120
gcacgctctg	gcggcagcag	ctcggatgcc	tctgctgaca	ggtgccgtaa	aagagcggaa	180
aataggggtg	gacagggatc	tgcccgtgtg	ccacaactgc	acccgcacgg	gtagacaatg	240
ccagggctac	ggacttcgtc	tgctgtggcc	ggatcgccat	gatggccggc	gcaaggacag	300
tggtttcgtg	gtctatgagc	ctccagagaa	cccgcctcag	gcttccaaga	gctacggagt	360
gcactttctc	acgtcaatca	caatgatgtc	gctctgcgct	ggaccocgaca	tcttacaatg	420
ccctcatacg	aaaactgttg	ccaagcctac	acgggctctc	aatctctatc	cgacaatgat	480
cngccaagat	gctctgttca	tgtcctacta	cgagcgcgta	ttgctccgat	gatctcgaca	540
cttcaagtcc	agaaccgntt	tccgacagat	ctttgtccag	atngtggtat		590

<210> 7720

<211> 717

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 7720

cacatatata	cacacccgca	ccaatggccc	gaataacaag	gatgcggaga	ctccagtctc	60
tgcaactggc	cgtcccatca	caatgcgccg	ccgcaccccg	accgtccttt	gccgcgcgcc	120
gcgccatctc	gacgaccagc	cccgcgcgca	gcaagaacac	ggactggatc	cggggcaagc	180
tgtggaaggg	cgaggccccc	ggcccggccg	acccttacac	gcagcggatg	gagcccagg	240
cgcanaaaaa	cctgcccggag	gaggcgctcg	agaacagcag	cagcaagcag	gtcgcgcgct	300
gacaagacgc	cggccgncgt	gccggaagtc	gaggctggcg	cttgnccgga	ggaagaccog	360
aggtcgcggc	ggaaaaagga	ncttgaaggc	gtcggacccg	acgtacgttc	ctcttgcgga	420
cnccgaaagg	cttgaaggaa	aattgggncc	nttgagcacg	tgggtgggaac	aanccggcca	480
cttggggcaa	gaagagcgag	ttcaagggct	tttggaacog	cccgtaaang	gtcgtggana	540
aagaagggtt	ttggangtgt	attttgcaac	gggcccgttg	tggaaagcnc	tggccttnaa	600
caaaaaaggc	gtttttncgg	aatgggcntn	caaaaaaatt	gttccaaggg	ggggggccaaa	660
gggccaataa	ggaacaancc	cctngttgtg	caagtggagg	tccaggatgg	caaaggt	717

<210> 7721

<211> 241

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(241)

<223> n = A,T,C or G

<400> 7721

tctnggncct	gagagctggg	gattggangg	caacttgctg	tgcgcacana	tagagaaacg	60
gngtggacgc	gtgatgacag	acagcggaat	agacattcct	cgcccgaactt	cgataaccgca	120
tccagataca	gcaactcgtc	gagacgaagc	cgctcgccgc	gcggatacaa	gcgctcgcg	180
gatgacagg	atcgcttccc	aattgccaga	gcccagagatc	aagactctcg	acgtggccgc	240
g						241

<210> 7722

<211> 692

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(692)

<223> n = A,T,C or G

<400> 7722

ccgggnttct	gcgcgngnt	gctatcgctg	gctggcaccg	catgactcct	tagttgccgc	60
gttcttgacc	tgctctcct	ttcattgntc	tactttctga	acagcctttg	atttcttcca	120
ctaaagaaga	cctgggtgcc	tctgttgcg	tctcttcgg	aagagaatct	gcccgttgca	180
ttcacgcaca	ttaccgacc	agacaaaacg	catatacctt	atatacctta	tatactctcg	240
catccaagca	catacgcaac	tactcactc	actcgatcct	cccacacac	ccatcccaac	300
aacaacaacc	tactcccttt	ccatcatgca	cttctcaact	gcttcogtgc	tcctgggcct	360
cgctccctg	gcgcgcgnc	agctgncgc	cgtcgccatc	gttcagaaga	tcgcgccac	420
ggncacgtcg	tgcccgact	cgagcgagt	ccgacggctg	agcaggcggc	gccctttatc	480
gcaagagcat	gtncgactac	ggcatctaca	cgacgccccg	agatggccgc	catcggtg	540
cctgatggcc	ttttgagtcg	gtcgagttca	aagtacaagc	acaacgtgtn	gcccggccgg	600
gccggncang	gcaccgncaa	catgcagatg	ggcgcgagttc	aaccttggcg	tacgccgctg	660
ancattccca	gccttaangg	ccaggntggc	ca			692

<210> 7723

<211> 976

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(976)

<223> n = A,T,C or G

<400> 7723

cctacacgct	tcctctcaat	ccttgaacac	caattgttgc	tctagcgctt	atccttcact	60
catcactcgc	ctcgtaact	aaactcttca	tcccgaacag	acacggcttg	acacaatggc	120
accgccaccg	ctctcctaca	ccaaggnggn	tcactcaacc	acctaccctg	ccatctntnc	180
taactcgccc	gccctgtcaa	ctaattggcaa	gggcgncctc	atcccgggtg	ctntggcggn	240
attggccgng	ccaccgcgnc	ttctacgccg	tttngggacc	gcgagctctt	attcttnttg	300
gacgccgtct	gatgccttgg	cccgaactg	aggccctcgt	gcggtccaag	aacgccgatg	360
tcgtcgtgca	gactcacaag	gtcgaccttt	gcgacgcacc	agccgtccgc	gacgtcttta	420
acaaggtggc	agccgaattc	ggcggcatcg	acatttgtat	tcattgctgct	ggcgtoctgg	480
cccgggttgt	tccccttgtt	gaagctgatc	ccaccacttt	tctcgatggc	tacaagacga	540
ccgttgtggg	aacgcttggt	ggtggacagg	ctggcgctcc	gggcaacaag	gagaaggagt	600
ttacactcgt	caatctcaca	actgcgggca	ttctcttccc	cgcttttccc	ggtatgggtg	660

cctacgtgag	caagcaagaa	tggggggcgt	caaagcttct	tcaatccttt	tggtggcgag	720
aacccttaaa	gtgcgccttc	acaacgtgca	ccctggaatt	cctcgacact	tgccattgtc	780
tgcccagttg	tccaanacta	ccaagctgcc	tttgattacg	acacatctct	ntttccgcaa	840
actttctcgt	ctggattgnt	ttttccgang	gcaaagttcc	ttcaacggna	angctttgtc	900
ttttnttgct	ngggaccgtt	gatganctta	aaancccgcg	agaangaaat	ngttnggggg	960
ccttctggga	accggg					976

<210> 7724  
 <211> 812  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(812)  
 <223> n = A,T,C or G

<400> 7724						
gatcttatct	cccccaacat	cccgttcgac	gaacagggca	acctgggttaa	ccaagctccc	60
ggcgaccccc	ccctcgagca	ggatctcggc	tccatggcac	caccgggata	cggcgaacat	120
gtgctcgacc	agctgtatga	cgagatggac	gtcaccggct	tccagacacc	ggccgtgcat	180
tctggattca	acagcccctt	ttacggacac	tcacgggcag	gttcctcgga	gaacttggca	240
gccttggcca	acagcgcacc	catcacgccg	gcggcgctct	cgtctcggtc	ggcgagcgtc	300
tactggatca	gtcgcagcgg	aatagctcgt	atcaatccat	ccaggctgca	tctggccgca	360
cctccctacc	cacggaacca	gtcacacgtc	tcatacgccc	cataccccac	agactccggc	420
acatttgagt	cggacaaaaca	gcgaagagga	ggaagccagt	gctcgaagct	cgggagaacg	480
agcccaagta	gataccggcc	gaattcgcca	attgaatcga	gtgccgagct	attcaactgc	540
ggtcaagacg	ccgggcacgg	tctcggacct	ctactggctt	ctctgcccc	gactaccaa	600
cggcctgagc	gctccgcgga	caccggcgaa	catggagctc	aacggcagca	acgacgcct	660
tgctgacgat	agctgagcac	gcacttggcg	anggccaaaga	nacgcgcgag	ccgcacatgc	720
naagcgttgn	ttgggcccctg	tccccttcga	tgggcccgtg	tcagtcggat	tgacaacttc	780
gatacattcg	ganggtacat	ntgttccggc	ca			812

<210> 7725  
 <211> 168  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(168)  
 <223> n = A,T,C or G

<400> 7725						
ntgaaccag	gnnggggggg	gggcccacat	aatttnttaa	ataaacccaa	ngtttnccca	60
gggntgttg	gaaaaaacia	cctcccnntt	tgggnttttt	gccccaaaant	ttgnatgggt	120
tncnttcg	ggntgtttca	ggggccgggt	ttcccttttn	nacccaat		168

<210> 7726  
 <211> 484  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(484)  
 <223> n = A,T,C or G

<400> 7726						
tctttctttt	tatgctctta	ctctcctcct	cctcctcttc	tgctccatca	ttcgcagcat	60

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gcccgtgtcc cgcctgacgc cctcataata accaactaag ccgagccaaa acctccactc 120
agacaatgac gatatccgtc gacgagcctc gaatgcacgc agttcccgtc ccctccatcg 180
ccgtcatggc cagcgtcaac ggcctctcga ccgagggcaa caaccaccac caccacagca 240
acaagaacca cgacaagcac attcttcctt ccattctnca tcacaccac aagcgcgagt 300
ccggcccggc atacnggtcg ctggacgang cgtgcgtcgc catgangggc aaggngggac 360
nctttttgnn gaggagcccg ggacagcgtc tgttgcggan ggncagaaac aggcncctcg 420
tcgntgcctg tntggaagaa gccctggaaa aantcggccg gaggancttn tttattnta 480
caac 484

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<210> 7727
<211> 707
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

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<400> 7727
cgacgactac gccatcgccg gagcgacgtg cgacaacaac aacgtggaac gatggggcagc 60
attcatgaat gccaaactatc catccatcat cactgatgag atcccctcgt tcaaggcaga 120
tcgcaagacg aagctgtaca ggggcgttac ctcggcaaac acggtgtatg ccctgtggat 180
agggacaaac gacctgagct atacaggcat cctcagcgac tcgcaagtga agggaacaaa 240
catcaccaca tacatcgact gtcttttgaa cgtctttgac gcgatccacg ctgctggcgg 300
tcgccgcttc gtcacctca acaataatgc tctgcagctt acggggctgt accgtcccgt 360
tgtcagacgg aggagcgggc gacaattaag ttctggcaga acaagacgct ctacaaccag 420
accgaatacg ccgagaagat gctcaggtac acgacttctg caaatacaat gatcgactac 480
ggngtgccgt tncattttgc tcgttaagaa tcgctggccg ggatccaagg gtgcggngta 540
ttgacataca cagccttatc atnggacatt tacaaccagg cccagccggt atttggacct 600
tccnataatg tcgngggcta ttataagcct tgnagcgtga atnggaacaa actgtttgta 660
tgggcccggg acgccttgat ttctattttt ggggtattatg aagttgg 707

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<210> 7728
<211> 704
<212> DNA
<213> Tricoderma reesei

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<220>
<221> misc_feature
<222> (1)...(704)
<223> n = A,T,C or G

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<400> 7728
agcctccctc gccacaatgt ctacgtatgt gcctcctccc tgaacgcctt gcggtacggg 60
ccagatgccc gatctcgatt tgtttgcaga ttgtcgtggt cctctcgctg ggcagtcgat 120
gaaaaccttt tctcaatgaa aagatcgatc tgccagctcg atcccctccg aggcgtctcc 180
ctcagttttt cagaatccgg gagcattgga ttttgccggc tgagagacgg cgccatgggg 240
tggttgagat gaagaatggc aattttattg cgcttctct ctcaaatacca ttgtcgaca 300
agggtgattc gcagggtctg aaatgacccg attgcaattg ccccgcgata tactctgtct 360
tgggcaagat tcttctcttg tctggggtgt tgcggatga gcattccaaa ggccttaacc 420
gagcactggg tggaaatagc gtgcccggtg tcgctgtctt aacgatcaaa ttcaagctcg 480
agtcaagccc tgggtgaaga atgtcncntt tcaactccag gtcttgcatc cggcgctttt 540
ggttncanta tgaaaatatg gccggacctc ccgtactaat cntgattggt ngaaaaataa 600
gcttccgtcc ntaccaacga acaaaccatt cttgggtccc tggaaccnt ngttcaagaa 660
accccaaaga aaccgggaaa aaagggttnc cncctaaacn tgct 704

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<210> 7729
<211> 637
<212> DNA

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<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(637)

<223> n = A,T,C or G

<400> 7729

tnantcctcc	ccngngctct	cgcttctgga	tccgcaattn	actctcctgc	gcctgcccgt	60
cgttttttaca	taatctgtct	ctcacagtat	cattgggtcta	ccccctcatc	acnaagcgcg	120
tcttctccct	cgacatatta	tcacatacaa	cagtcaanat	ggtgtncctc	aagtcacttc	180
tggtcacccg	caccatgggt	gccgtctcga	tagctaagga	ctactacatc	gatcccgcaca	240
gtgttccttt	gtcgacaaga	canaactggt	gcantctcgga	gacgtcgacg	tgccccatca	300
tctgccanca	caccaccaac	aagaagacgc	tggtcaacga	gtgtnatcct	aaaacattga	360
gctatggctg	tntctgcggt	gacaacaagc	agccaacatc	tacgaatcac	cctgacgctg	420
ccattcttca	tctgccaaga	atacgtngtt	cagtgcggaa	acaactgnng	aggagacaac	480
acttggcctn	taactgcgcc	gaggacaacc	cttgggggtgc	cctgatccca	agcggacaca	540
cnaccggcac	tggtacttag	actacgcnga	aagcaccttc	ctacagtagg	ccngacacc	600
atcttcaccg	gtaccccgga	ngacgcaana	gcaacag			637

<210> 7730

<211> 875

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(875)

<223> n = A,T,C or G

<400> 7730

gtatactcta	tcgcgacctt	ctctgccttt	ggccatttgc	aaagcaagca	aacagctggt	60
cctcggaaca	agccttcttt	catcgcatcc	gcctctagtt	tggaaacttc	cccttcgcac	120
gtaacccgag	cgatccgtcg	ggttctatca	ccatgacttg	gaccgtcttt	caagatgggc	180
gacctgccc	agttccatat	gcccgcatgg	ggctggcctc	togtgcctct	gaacgccatc	240
atcctgcttc	ccatttctct	tctcgtcaac	tacacctgtt	ccacattatc	ctgtcttcgc	300
catcattgaa	gatgagaacc	ctcctgccta	cgagccctc	gccatgcccg	ccaacggaga	360
tggtcttgat	gangaggcgg	ccgntggctc	accgcgaagc	ctaccgatgg	cgccggcccg	420
acagtgcct	cctctcttcg	ctccattaac	cgcttctgac	ctcgtacggn	ggattccgag	480
ccaacttccg	tggattatgt	gcgctctacc	cagtccggct	catcagcatc	gtcgnctcat	540
cttctcgtgg	ggacctgtcc	ggcccttggc	caactgtggc	ctcgttggtc	atggntaatt	600
tggactgctg	ggttacattg	gcatttcgca	gcctntctng	gaggggtctg	cgccgctgct	660
ctttnaagcg	cgccttcgat	gccacttgga	aggcatcggg	ctntactggg	ctgngaacca	720
agtgcaccaa	nggggtcccc	tttgntggcg	gacttattgg	cttngatgnc	ccgacatggc	780
aacttgacgt	cgggcggngc	ttggacctnt	tcggacggga	aatgggtatt	gaacaaagta	840
ccggtanatc	tcttaaaaana	agntgggggt	ngggg			875

<210> 7731

<211> 849

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 7731

ntgngaggcg	tgctacgccg	gctttgtcca	gacgagggac	ctggaccgct	tctttcagct	60
gtcggatcga	gacacgtaca	ctgcctacgt	gtgcgacttt	tgccccgcga	gccccgcgctt	120



ttcgcagtac	atgtgcaagt	ttggcgagat	gctggaccgc	ggcgtcttct	cgtacctgtc	180
agactttatc	atgacgtttg	ccggcgtgcc	tgcttgctct	cggatcaagg	ggagcggcaa	240
ggcgaggtgg	tggggatatc	ccgaggccct	cttctgccac	gagtgttctg	tcgactttgt	300
ctatcagacg	ccgcttggag	agtcgctgcc	gatcaatggc	gagtacatgg	agcaggccac	360
aatctgccag	atctggtcgc	cacggatgcg	cgacctgtgg	ctcgaagtct	gcagagcagg	420
tgaccccggg	tccgaagaat	cggagctgcg	ctggcgcaat	tcaagacgtg	ctgcgtgcag	480
aggtttcagg	tgtacgaggc	gacaatctcc	caattgagtt	gatccggacg	atgcaggaca	540
ttaaaccggc	aaacggcctt	ttccacngga	tgctgacatt	ccggtacagc	ggcatggaca	600
gcatggcgac	gatnttcggg	aacnngggacn	ggcacaggca	ttggaatata	gcttgggtgg	660
ggtcaacacg	nctatnnggc	gcaatcgaac	cngactggaa	tgttttactt	aggggctttt	720
cggatccnaa	tcggacngag	gactggtggc	ggatccncac	tngaaaatnt	ntggaacnag	780
gttaagaagc	ctttgcctat	gggtgggcca	tgaatggngg	tttaacattt	tgtttaacca	840
taaccana						849

<210> 7732

<211> 458

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 7732

tgggccacat	gatctccaac	atcggccgct	acgaatacca	tgaagacttt	gccgaagaag	60
ctcacaacct	gctgcgagaa	attgccctca	acgtcgcaaa	ccccggtctg	gcccgcgtca	120
ttctgctgca	gcgattcaat	gacagcaaca	tcgaagccaa	catcatctac	tacttccgca	180
tcttggcggn	ccactacctn	aaggncacg	canccatcta	cgacgacttt	gcggnccgac	240
tttggaggca	ttgncttcgt	actgntccca	atcaatcgac	attggcaacc	gcgagatana	300
gcatntgggc	attggcggn	tggccaactt	gctgntnaag	cccatcgact	tcgnnctaaa	360
gattgnatac	ctngaccgna	gnccgggcag	ccaagttaac	cgctaccgnt	ttccggaaga	420
agncaaccaa	gnaggagccg	gccgccttgg	gccacgct			458

<210> 7733

<211> 699

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 7733

cgaaagggttc	ccctcgtgga	agctcagagc	gcccccaaag	gtcaaggcgt	acaccacaaa	60
cctccgcaac	cagccggccc	agacctttgt	tcagcagctc	aagccctatc	atgggcggct	120
caacaacgac	aactggttca	aggctcatggc	taggccgttt	atcctgtttg	cgtaccccg	180
cgtcctcttg	tccgccgtca	tctactcctg	ctccattggt	tggctgattg	tcattctccga	240
gaacctggct	gtcatctacc	gtaaccggga	cggatacaac	ttcacggctc	tcagaccgg	300
cctcgtctac	gtctcgccct	ttgtcggcgg	catccttggc	actggcgtgg	ccggttaagat	360
caagcgacat	cattgtccgg	gccatggctc	gtngcaacgg	gggcatgtat	gagccaanag	420
tttcgctctg	tcatggccat	accgatcctg	atcaccacgt	gcatagggct	catgggtttc	480
ggatggtctg	cggangaaaa	ggacaagctg	gattgtcccc	accatcttct	tcggcatacc	540
tcgtttggct	gtcctcggc	tcgacaacgt	ncatcacctt	ttgcgttgac	aagctaccgg	600
cagncccg	cgaaaccttg	gtgacgctca	actttttaaa	gaacgtgctc	cacgggttgg	660
ngttcatctg	gtcatttccc	aatggctttg	ccgcggacg			699

<210> 7734

<211> 389

<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(389)  
<223> n = A,T,C or G

<400> 7734  
ntcgggaact ttttggncgg cgtgagggtta ttttcttacg gaaagggngg gttccttcac 60  
atgtttcgcc aaaacttttt acgggcggaa cggatttggc ngtgccagggt tctgttggtg 120  
ccggtctggc tttgccacaa agtcaacgac cgcaagaacg ccagtgtgat ctgtacggng 180  
acggtgcaga accaaggcag gttttgagnt ttcacatggn taactgngga actcctgttt 240  
gttggtgca gacacaagtt tggatggcac ttttgtgccc gtctttgcct tgaccgntct 300  
acaangaaga cagtaattcc cggtttaagg caacggnatg gatgtcntgc cgtaaaggcc 360  
gcgtcaagta cggnaaggaa tggaccgtc 389

<210> 7735  
<211> 799  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(799)  
<223> n = A,T,C or G

<400> 7735  
cgatttnttg cgtacatgaa ggaatgtcac ttgacgcatg cgccatccgc cgctctacct 60  
ttgtctctgc tgccgcaaga cgattacact gcggccgaga tgctccagta ctactcgaag 120  
cgcccagagg accgccagac gaagcctgtc cctgatgtga accccgtcaa ccccaagctc 180  
attgacctgg cgtattccaa ctccctcgtc ctgcagctca tcattgccc aagggtcaat 240  
caccgcagggt gtcacccgcc atgttgccga ccggcgaaag ggctgaaggc ttctacgctg 300  
ctgcattggc gagttcgggc caatgattga caagctacct ggcggggaac gagcaggata 360  
tgcttccgct cactntggca aagcctggtc atttctctna ccgagagggc gcggcttgac 420  
aaacgtggtc aagctcacia ccattccacc gcaccatggg tatcttgaag acactnttga 480  
cccttcccca caaagcagat gtgtaaacag gtccgcctat cttgctggag tattacatgc 540  
atgctgcttg ctttgcattg gttgcaccga tgtcaccaag gcggagtcaa tttcatttat 600  
gagcgagnac ttcgaaacgc cgtcgacaac tanttcaagc gaaatatata ggcaagctnt 660  
gngggaaactg gctgncgata tgggtggcga caaaacatnt tttaacttgg cattaataatg 720  
cggncgttgn cgataccatt naacgccccg gggggcggn c atcaccggtt attaccnna 780  
cactttgtac ctttgggca 799

<210> 7736  
<211> 478  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(478)  
<223> n = A,T,C or G

<400> 7736  
ctgtgggtca cgatcctgta cctcgacatc aaggtggcca tgtgtaccgg aatgccgccc 60  
ctcacacggc cggacgagct cggcaccctc gagaagattc ccgaatgggg tccgccggac 120  
agtctccaga tgggtgctgta ccagtcgctg ccgaccgtgc tggccgtcat ggccgagatc 180  
aattccaaca aggagcagat ctctgacccc gacgtgctgc gatacaatgc ccagctgcgg 240  
gagctcatga gccacgcccc gcgggtctgt accggacaag ctgcagcgtg tcacggctga 300  
catnttcttg cggcggtgac tcatggtgct gcacgttcc tttgcctgca cccagagggc 360

ccgtatgttc ccgagtcgnc tggctgctct ggaatgcttg ttttgctgt gggnataccg 420  
cagatngggc acgacccgat ctggctgact ngtcgncggc ttngctactt ttccccct 478

<210> 7737  
<211> 612  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(612)  
<223> n = A,T,C or G

<400> 7737  
ctggagctca gcctacaagc cgtggaaaaag ctgccgaacc agcagcccat ttccgatgag 60  
ctccccctga gcctcgatat ctcccctgcc tcccttgaat tcgttgaacg agtgattgat 120  
ggcgagctgc agcgccaccg cgccattgtc cactgcgaca acttgcgcaa gaggcagtcc 180  
gaggctgtcg aatacgaagc cgaccttccc ctctgtggaga agctgcaaga gtatcctgtc 240  
ggtggggctg atctcaaccg catcgtggaa ttccccccgc gagaggcagt gatccccatc 300  
aagcccatct tcctcgatgt ggcctggaac tacatccact accccggcaa ggaggttcag 360  
gcgggcagcc atcaggcggg cgaggttgcc atgaggccga gaaacctgct caaaaggcta 420  
aaaagaagct ggttcggctt tgggaggtag aatagtgtca attcatccgc atgagttgca 480  
cactgcaaca gaatggagcc agaagaagaa aagaaccctt gattgcaatg agcttagtct 540  
taccgcaggc atgcttgcca tatcttcac tactgatgac tattacctac ctaaagtact 600  
gncgactttt tg 612

<210> 7738  
<211> 704  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(704)  
<223> n = A,T,C or G

<400> 7738  
ctgaccgaga ccaggcagcc tgtcgaaaga ttcccccccc ccccccccc ctctgattcc 60  
cggtttgctc ttctcggatc aaaggcagcc agccattgac ccgggcttat ccgacagttg 120  
cagagaggga aagcagaaag gcatcaaata tcgttcatgg aaccggctga tgctcaactc 180  
gtatgttgca aatggcctga gcgcaaccga gtcggccatt gtcgcagctt gactgcaatt 240  
tcgccccgtt gaagaagccg gccctcaggg ttctcttttc ttcttcttgt cgttgctttc 300  
tccacaagca tgtgcccagt tttgcgtgtc tntcctgctg tgactcgagc tgcgcgtttg 360  
gcatatcct tgtttgatgc cagtcgccgc cgttggtgga accgtgtcaa aggggctgct 420  
getggccttg attgatgctc accgcctgca tctntgcgtt gccttcgcat caatgctgca 480  
aatgcagctg cggatgcaaa atgcttgaag ccaaaactga tcaaccactc ggtccgccat 540  
gacgcaggtt tttgcccgtc tgcgcccttc accacttgac tggcagtcgt ttggaataac 600  
acgggccccg tattcaggtt ttccgacgnt cggaacttgg cagattcaac ngcngcaaaa 660  
nccgatttna aagaccnaag naaaagacc cattaactt ccac 704

<210> 7739  
<211> 590  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(590)  
<223> n = A,T,C or G

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<400> 7739
gctgcgtact accagaaata cccggaggat gtcgaggttc tgcgccagat tgctgcttac      60
atcgaaaagg agggcgggga gcagggcctt cctttgcctg gaggaggctt cctgacggtg      120
cctcgtctgt tgactatagg cattgccctt ggattccacg gaggcatcga tcagatccat      180
gctgtactgc tccaactcaa ggccctccctc gaccaagctc gggcttcctc acacgggcct      240
cccttagccc tctctgaatc attcaccctc tttgacacaa accccatcta cgcccgctcct      300
caagaggcgc tctactgcna cggaccgggc agcgtcttca actggggccg cctaccgcgt      360
cgnaaggccc tgtccagttc ttctggctcg ctacgcgcaa cacnggcgt tntctctccg      420
tgccagtcga ccaacctctg cttttcgncg gcgaaanggt cttcccttgc actttgagac      480
gtatccgaac ttgatccctt gccggcggtt gctgaaccgg tggctactgc gtcggaatgg      540
ccccgcctgg atgatgtcaa ccattgcgca agaatangng cctgttatgc      590

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<210> 7740

<211> 833

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(833)

<223> n = A,T,C or G

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<400> 7740
cagaggaaaa gggatcagct ttcattatct ttcaatctta ccttgtacaa catagagggtg      60
ccgctcaaca gctctcataa catctcgaat caagcaagaa tcgagttctc cccctcagc      120
tccagttgaa actcataggt attactctct cacgcacgca caggcggagc tgcgataaaa      180
cctacaacac ctctctccat catggcaacc gaagtgtccc acggccgagg cgggcggggc      240
aacattgacg tggacgatac gaaatatgtc gacggcgagg tgggtgcgcac cggaatcatg      300
ggcagccatg gtgatggcgc attcagcgct ggccgaggag gtgccggcaa tatcgccgac      360
gtagggacca cgtcgaagca tcgcaacgat acngacgttg tccccgaagc tgctgttcgc      420
gtgagccaag atgggcaagg ataccacaca aggcccgggc ggcgcaagca acgagcatcg      480
tgttgacgac ccggctcatg caaaagcctt cggctgtggc gccggtcggg ctggcggaca      540
agctcaagtc caagttgttt ggcgcatcca aacactaata ggcgacttta ctatcgggga      600
ttgcgaaatc gttgcggcca gaaaggagag aaaaacaaag cattgtcggg aggggtgttt      660
gacnatgttg ggttatggat tccgccagtc ccccttggtg gaatacacat atgatatccc      720
cgtcgttgag tttcaatttg gccacttga gttatattnn tattgcgaag gctgncattc      780
caaggggatg acccnaattn taagaagcng gaataaattt cttgagtcaa aaa      833

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<210> 7741

<211> 673

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

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<400> 7741
ggacattgaa ctgctcatat tgtcttcttc aacatactca cacactcgac tcgaagaaaa      60
gaacaccgtc atgagctcct ctctaccgcc ctttgcgccg ttcccaaagg ctctgtggcg      120
gcagcacatc tccccagatg agtgggaagc tctatcagaa gcttggtatc ccctctcaca      180
agcctatctc gacctggacg atgccgcatt caaaaaggag gccacagacg acagctctct      240
aacgacattt gtatcgacct ttgcagagga ggcggcagca gcagagtccg atgcaaagac      300
aacaacaata gcgtcatcat cccccgggct cctcaagacg atattccgcc tcgcatcgcg      360
catcctcaca gcctcgcccc ctctctgtct cctagacgcc cgcttntctg ccggactatg      420
ccggatattc caaagaatca cacaagcgcc tctgctggcg cggntctttc caacagccac      480
gccggccgcc gntgtcgaat cctttctgct cttcctcaag aagctctcat nccgcanctc      540
gacgcccngc agaaaggggg atctcaaagc tcgtcgaagc ggggagctna cgccagcttg      600
accccgntgn tgacgccttg cccgacgcgt gcatgctggg gntcgcgggt ttcgacttct      660

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<210> 7742  
 <211> 396  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

<400> 7742  
 ngntcggcac gaggcacaaa cgctcttgtc acgtcttcca ccatcagcct ctcgacctgc 60  
 ttcaggcatc aagcatgtct ggccctcccg cccaagaggc cctgcccgcg ctctcgatcc 120  
 agccactcca gccgccgcg tctccccaga ctcctcgtgc cttgcgacgg cttcagtctg 180  
 ctcacgccct gggagcccga gctgcccagc aggcgaacnt gagctngcat gcagcgccgg 240  
 ggagcgccct ctgtcgccga cccggaacgc ggtngatgcc atcaatgcta tngccaaacg 300  
 ctggngggca gttccnaatc ccagccacgt cgccaacgcg catctagacg tcgggncana 360  
 cgcgacgggt gcggtntcga gggncgtgcc aacagc 396

<210> 7743  
 <211> 649  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(649)  
 <223> n = A,T,C or G

<400> 7743  
 gctccatgcc atccgacgcg acagacgagc agaccgcgat aggtctgacg ccgagctggc 60  
 ctatggcggg cgccgtatat cgctcacgtt caggcacatt ggcacgtttc tggaccgtga 120  
 cgagaccatc atctggggcc agggagcgac cggcaagact cgcgacgctg cgcacgccat 180  
 caagaacggc cagagctccg acgccgtaaa catgatccgg gcatttggca tggaaaacca 240  
 tgcgtccgac tttgactggg acgcccatta cggcgcgcg cttgacgtgc tacacattag 300  
 caactcgccg aggttctttg cctcggcgga tcccgtggtc aacatgcgga ttgtgctcat 360  
 gctgaatgaa ttcggcatca agttcgcaag gggagcatgg cctnttgtgc aaacgcccac 420  
 agnaacagtn aaaggcagcc cgtcaacgtt ctggtcnccg gncatnaagt tcgtcganaa 480  
 ccgacgctgn cccgatccgt ngtnacgggc ganatggcca tcatgctgga tctgactntc 540  
 ggtatggccc cggncgcaat taccgaggca ggctcnggtt taanacaatt taaagaagct 600  
 tggcantctt ttacagccag ctgcagnaag ggcttaatct ntttgccca 649

<210> 7744  
 <211> 330  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(330)  
 <223> n = A,T,C or G

<400> 7744  
 nttaggcgcg attcgcacga gcgaattcag cgtcaggctc aggcaaacgt cgagagcgac 60  
 atcacctgog agatttccct ctctgggctt gtgacggcgt tggttccagg gcggttcgat 120  
 ggcagcaccg naccgcagac cctatacatt gagcatntcc gcatacagtc tcgcaagtcg 180  
 aatggcgtct ggttcgncag tgccgccacg gtgtatggca cttntagcca gaccattctc 240  
 tggaaactaca agatcccgga cgacatcctg tcgttctcca gaaaggaaac agtgccgtgn 300

<210> 7745  
 <211> 420  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(420)  
 <223> n = A,T,C or G

<400> 7745  
 cacgattacg gcttggggaag ggcacgcaaa tcgaagatgg gcgatcctgg cgctgtgccc 60  
 cggctcccgt gcgggggcca atgggaagct gccagtgtct tctctggcgt tctctgtccc 120  
 ctagctggcg tgtcccagcg gtcgccgagt ggggctcagg gtectgtgc anctgcaggg 180  
 tcttggttgg cgagtcggcg gcgcttgacg taatttgacc tcatgccacc tccaccgct 240  
 gacatcancc ccnggtcgc ccgtgcnctt gatttnttcg tcnaaccttt gacgcgctg 300  
 gcttgcttna atgacagcaa ntgaacnaan agccccnttt gcnatgcttg nngcgtttcc 360  
 natgatgccg ccncgtcnca agntgaaaac naaaaccaca ccnggaaaacg tcccccttc 420

<210> 7746  
 <211> 478  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(478)  
 <223> n = A,T,C or G

<400> 7746  
 tcatggaccc ccttgccctta tcggccccga acgacctctc ctctcactgg cagcactcat 60  
 gttcgggtcac ggtccgctgc tagcattggc gccgcgccca tgggcccgcac ccagtccatg 120  
 cctggcggtca ctggctccgg tcatctgctc tactctcccc agtttcgccc agccagcccg 180  
 gcgcagtcgc cgagccgagt acgcacgccg cggaagccag tggacgagtc gtttcccatg 240  
 acgtctcctg tacgaacgtc aagttcttga ccacgatcga gtgcctgccg acaggagcgg 300  
 ctctcctgtc tgggtgttta gccaatggaa ccttgactcg ggcccgtcga acctcgtcgc 360  
 cgattaggaa ttacgcccgag tcgagcaccg gctctnttcc aacttggcca ccacaccaac 420  
 atcgagctcg tcgtttttnt acagaagcgt acgaccctt ntntagcaag ntatgggg 478

<210> 7747  
 <211> 672  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(672)  
 <223> n = A,T,C or G

<400> 7747  
 ggctttctgct tcccgttcat caagtcgagg catgtccggg cgcagctggc ggtttgcttc 60  
 gtggctgccg tgttcctgtt ctgcgtgctg gcagtgtgta agtggatatc ggatatggac 120  
 attacgactt gtcttggtat atgtttgctg acattggcct tagacttggg cttgaccctg 180  
 aaaaaacatg tcgtcattgg cgagctgaac atcatgttgc tcatgatcat ccttctcgca 240  
 gcccgctcttc ttctgctaca cctcatccg gctgtggctg atcattcacc cgcggcgacc 300  
 cgccagatat cccccgagcc gtcgacccgc gcggatatgc cgtccccgga ccccatatcg 360  
 ggtggtgatg gccaaagacga ggaggctgcg ggcgctgaaa acgagacaat gacgatgaac 420  
 ccgctgctac ggactttggc nggagaatgt gccctggacc caaccgcttn ttntggcaac 480

gtaacgatgc	cggcgagccc	gcccttcgaa	aacggaaacc	ngaccgaagg	ccgccgctta	540
ccctttgatg	acggngtatt	ctatgtgggt	gatgcngggc	ttcgtctggg	gcttcacgt	600
agatggggaa	cacaacccgt	acatccttng	aacngggctg	gcttggnacg	cccccccca	660
ctngaccaat	ta					672

<210> 7748  
 <211> 109  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(109)  
 <223> n = A,T,C or G

<400> 7748		
ngagattacc	tgtattggac	tacnacacca
tgtattnttg	tntgggttna	cggcgggatg
gngctanact	gtgtctcatt	ttagatttac
acgaattgct	acnaatgta	
		60
		109

<210> 7749  
 <211> 758  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 7749						
ncgnaatctg	gntttttggn	cgtggcncaa	attcttggaa	ttcanncaact	tccgggtncct	60
tcnaccgccg	aatgggtctta	caaaataaac	aattggaccn	ggcgcccttt	tttcttcccg	120
ctttggccca	cttnggggct	tcccgaacaa	ggaaccaa	ttccggccca	gggccttant	180
tccttggaac	aaggaaaaaa	cccgggtngg	gggtggggcn	aaaccggttt	tccaaagtcc	240
cccttggcca	nttanccaaa	aggnaacc	ttggttggcc	cccaaggcca	aaaaaattcc	300
cccaaaatta	tttctttcna	aaacccaag	gaaaaacctt	tcaaagaaat	gggttccttn	360
aattcctttt	gggggcnctt	atttggtttt	ggggntttng	gggggggttg	gcccccggtg	420
aattccaant	ttttgggaat	aaggccaacc	ggttaattgg	ttccccttgg	aaccggggaa	480
aaaacaaccc	cggaacttgg	ggcaagggtg	ggtnaaacct	tcaatnggga	accggggaacc	540
ancaattncc	tttngggtca	aaggctttcg	gtggttcttc	ggcnaaggaa	aaaggtaggc	600
aacttnttga	agccttgaaa	tggcannaaa	gcccttcggc	caaacgtttt	ggtattcttc	660
gctattcaaa	acattaagtt	ggcntactct	tatgangntt	gtctggttct	cgatttcagc	720
tttatatagt	ttatncaaac	agtcattatt	cccttgng			758

<210> 7750  
 <211> 189  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(189)  
 <223> n = A,T,C or G

<400> 7750						
nctttaanaa	cccccaagaa	attggntgtg	gttgaccctn	nggacccccg	ggggnttttt	60
naaaccttna	ttggtttcca	aanatngcca	atgggggccc	cnattangga	aanccttncc	120
ccngggttcc	ttgggttncc	ccagganttg	gtttaagggg	gccananttc	cttnaaactt	180
ttttgcna						189

<210> 7751  
 <211> 381  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(381)  
 <223> n = A,T,C or G

<400> 7751  
 ncctgggtcca agtcccncca tcaacaatng tagccctcat gtgcccatta tcatccgcga 60  
 cagcagttcc cganacagtc cttttnacct gtgccaatcc tccctccggn ttccgaaatc 120  
 caaacctgcc cagaacctgc cgcccaaagt accaaccat ctcccgattt accggcccca 180  
 gcatgggaga aagcattttg gctcaaccca cgtccaacaa aggctagagg gcctttacca 240  
 tgaatagtag gagcgctcgc cttgcgtaca antgctcaaa aatgtcccgc acaaaaaggc 300  
 cgccgtcaac atccattntg gnttggaaacc cgatcactct tgaatcttcc cgtaacagga 360  
 gtnccggggc ttcaaatgct t 381

<210> 7752  
 <211> 656  
 <212> DNA  
 <213> Tricoderma reesei

<400> 7752  
 ctgggtaaca agtattccat tggcaccttc aatttccagc cattcttttta cctgctctcc 60  
 tgaagcaacg gacaatgccca cccttctggc agctcattgg tgaaggactg gcgcgcgctc 120  
 aagaagaggc tgccaggcac atcaccccag agaacatcaa categcgcgc caggccgctt 180  
 gagatggcgt cgggcacgcc gtggagcagg tgaaccagca tgtaacgccg gaaaacattg 240  
 aacgtgggtgc tcaaatagtt cggagcggta ttgatatagc cgttgaacag gctcagaggc 300  
 acgtcactgc tgagaatatc aaccgtggcg ctcagatcgc tggcgaggc gtccgatttg 360  
 ctacagaaca aatccgtcaa cacgtcactc ccgagaacat caaccgcggc gccagatcg 420  
 cgggcgaagg cgtccgattt gctcagaaca aatccgtcaa caggtcaacc aagagaacat 480  
 caaccggtgg tgtcgagatt gcccgagggt gtattgatac ttgcagcgca gcacatccgt 540  
 gaacacgcca ccccagaaa cttttaacac gcaacggaga aactgcgcga aaacgttga 600  
 gaaatagtcg aagggcccggt cggtcagaag gttgcaccgc tggtcgagga aaacaa 656

<210> 7753  
 <211> 700  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(700)  
 <223> n = A,T,C or G

<400> 7753  
 tcgaagcgga agcattagcg gtagactccg gagcctacag atcaaggccc ccagggtgta 60  
 tgagaagatg gaggactcgc tcaccgcggg cgaggaggc gagcagcagg tgtcggagct 120  
 cagccggcga aagacgggaa ccgcgcggc gttccaggac tggatcgaag agcttcagga 180  
 gatggccaat gtccccgagt cgcagccgcg gtcacgctc ctcgatccaa ccgcgcctcg 240  
 tcaagccggt ccgcatgtca tcaccgagaa atacctggcc gacctgacgc ggaaactcgt 300  
 gcgcgcacgg cattcacgat ctcaatatgt tggggagtgg acgcggttgg tgcacgaggc 360  
 cgccaagctt cagatgatcc tggactcggg cgccttcaag aagctcgact ttggcgacgt 420  
 ctgcctcac gccggcttct gggacagggt gaagatcttg acgcccgtat tcgcgatacc 480  
 tctgctacta ctaccgtctt tccatatgtg cgaatggggg ttccgtgcgc ttttgggggt 540  
 tccctctgct tgcacgtctt nggtcggaaa tcgcaagttt ccttcccca gctgnccatt 600  
 atccgtgtca gcgttgtcca cactgggtg gggcgacaan ggccangtn gggttggagg 660  
 acaggatcgc gggcctttgg atctgntaca ttgtgcctg 700



<210> 7754  
 <211> 613  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(613)  
 <223> n = A,T,C or G

<400> 7754  
 cccggcagtg tcgttttccc tcagaacacc gaagtcggac agccttctct gggtggccct 60  
 gttgtcgagg ctgcctaccc taccgcctcc agcagtcttc agacgctcgt caagcccgt 120  
 acttcagtcg gtgtcccca gggttcccct gctggaagta agtggtgccc ctgctcctca 180  
 gcaagccaac ggccccggcc ggctctccag ctaccctacc ggtgggtccg gcaacgcgtc 240  
 gccttctgga agctggagcg gcgtgcctgt tgggccctct tcgggtcctg gcattcccga 300  
 agcaaacgct gcctccgtga tgaagtgcc gcttggttgg cctgggtcatt gngatggccg 360  
 ctcaggtttt tgttctataa gggagctcgc gctgnaaaac tagacatgtt caatcttgtg 420  
 cattttacgg atgggttttc cggcagggcc atttttcttc tcagacattc ttactctaaa 480  
 caaagtcctc tgagttctgt atttttggac tgatgaggca cttctttatt acatacttta 540  
 ttttctttat gncgaaaccg gctggacatg tgtaaanact tgctgnatac cttaacttat 600  
 gacgatgatt tcc 613

<210> 7755  
 <211> 471  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(471)  
 <223> n = A,T,C or G

<400> 7755  
 aatcatatcc gacgtgtttc tcaccatggc ctctcagaag gcattctctga cggcatctcg 60  
 gaaaccccggt gtaagccggg aacttggtt cccggagcca ttogatcaat tcagcaatac 120  
 tactctccca catccagatg ccgacctctc accaaacgct tgtataaacac acgatgacct 180  
 gattggcgac tatgctctca agagaaagcg aatgtccttc ttatccccgaa acaagaacag 240  
 gcgaaccctc acccatggaa gccttggcgc tcaaagcggc ctogtcaaca agtgatcatgt 300  
 ccctatcgct gtcccggctc cagcagnagc agnccttcaa gtagtcgggt gaagcagccc 360  
 ctagggttgac gagtcctttg acgggcagnt tncattcaaa atgcggcagc gagagcgag 420  
 aatcgancaa gaaagaagga cgagacccca ccggtcctcg cttggatagc a 471

<210> 7756  
 <211> 849  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(849)  
 <223> n = A,T,C or G

<400> 7756  
 acttcatcaa ctgctcttgg aatcatattg atccccacaa caccaaacag ccaccaccat 60  
 gtctgaacct ctaccaagg tcgattccgc cgtccaaggc ctgtcatcat cgccgccgaa 120  
 agagaagggc cataggagaa caagctctag cgcggtgggt gtcatgacca ttgcggaaat 180  
 caacgaaagc aacgcgccct tggatctggc gctggagaca cagcagactg cttggaaaat 240  
 caaccagcgg ccaaaggatc ttgacaatga tcagctgcta cagatcccc tcaccaagcc 300

tncgatcaag	agcataacgc	tcaagttccc	ccatggcaaa	gaggtcgtgg	ctcgcaacat	360
gaagggcctg	acaataggcg	acgcactgtc	ggccattttac	aaggcgaaca	agaaccgagt	420
aagtgtcgtc	gtcgcattat	ccctctcccc	agacggctgg	ctaacatgcc	tgcaggctga	480
tgatgagctt	gacaacccat	acctcaaggg	cttcgcatgg	gaacgaggcg	aaaactactt	540
tgaagtgcac	cttcagagcc	agtcggcgac	gggctcgtna	agcggcgggc	gcggtggcaa	600
gaagaagaag	aagaacaang	gatgcngacc	aatnaatgac	ccatcaccca	tcctaagtnc	660
tggtcaataa	gttccttcaa	tggttttggt	tgggcttccc	ggttccggtg	cgagtcgcnc	720
ccggatattg	caactagatg	gtgtnggtcg	gggcatattg	gcgattgctg	gaaacattgc	780
caatgtctgg	aaagcttttg	naacggagng	gtctgncctt	ttaatggata	acttggactn	840
tttnaagaa						849

<210> 7757

<211> 868

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 7757

ngcggcatcc	accccatcat	gatgaagatt	gtaaagcatc	gagtgatatc	ggtcacggcn	60
cggatattctn	tggggcctga	tcgtatgccg	ggtcattctg	cccatttcgg	cccgcaaaaa	120
gttcaaggag	ggcgtctcga	tgctgtacct	tcagatgggc	ctcatttgga	ggcgagggtcc	180
cctcgctatc	ttgcttcgta	gcgactgttc	cgagagctac	ctcaaatacc	gggagcaggt	240
tgccatgcag	cgatatgcc	accgactgga	gagcctccgg	cagtcggctg	cgtccgagtt	300
cgagctccgt	gggccgttcc	ctatggagac	gtatggtcgc	atcatgcggt	gtacgaaccg	360
gatattggac	agtttctacg	ccatgagcct	tgtagcgcac	cggaacagga	atctnaaccc	420
gggcgagcga	gcgctgntgg	agtacacggc	aacagagcgg	gcccgttttg	tgcgaccgca	480
tatgccacgt	cttccaggtg	ctcgcagctc	gatgatgttg	gagtaccctn	ttgaccgatg	540
cggtccanc	cgtcaccggc	atncgtgatc	ngctgntcgc	aagattttnc	agttccnaan	600
gagcaccceg	ttgaacctatg	aaaaaccttg	gntatgcccg	tgaanggaga	atcgaaaatg	660
gcgaaagcaa	cccgcngcga	tgccngttgn	tgttgta	aacaatgggtg	acaatcacgt	720
canggaagtc	nnggttgaan	aanaaggata	ttccgttgat	ctatgcatac	acccttatga	780
cgggccncgt	tgcccacgga	nttgaaaaat	gccccaaana	aaaatggatn	tttttttggg	840
ggttttnaac	naaaaaatac	ccgttctnt				868

<210> 7758

<211> 103

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(103)

<223> n = A,T,C or G

<400> 7758

naaggaggcg	ggacgaccgg	cnccttcaagt	tcttaaagg	tgattcgcga	atgccattta	60
nttgggcant	accacncg	atggcaagga	tttggcaaac	cgg		103

<210> 7759

<211> 305

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 7759

acgtcctcga	caccaccgcc	cggtcgcccc	gnaaagggcc	ttcgcgctccg	cctcgagggt	60
cccgcctccg	tctcctcctc	ctcctcctnc	gcaacagcag	cagcaggaca	acaccntcc	120
agccacaacg	cccacaacgc	cctcaanacc	tttgagtcen	tcacaaacna	cnacggccgc	180
gtnacccgtnt	ggntgcenat	canttcenag	acgtccgccc	gagagggtgcc	cctctacacc	240
ctcnaggacg	tgctcgggcg	cgtaagggg	ccttcncctt	gaccttgctg	ttgacaccgc	300
cggtt						305

<210> 7760

<211> 334

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(334)

<223> n = A,T,C or G

<400> 7760

ggggggaang	nccggccccg	gtgggccccg	gncccggtna	ccctttcaat	ggggggccccg	60
nccgcttggg	gttggcccca	attcaaccga	accgggggttc	ggaacttggg	gcttggcccg	120
gcaaccccg	ataaccgccc	tccctttcaa	aacccgggct	tcttaaccgt	caaaaggggtg	180
gcttcgggcg	gcccttcaat	gaaggggaag	aagcgaaata	acttcngggc	tgggaaatgg	240
gcggttcaat	cttttaactt	cntcgggcgn	cttgaatnac	cntttatttt	ttcccnaagn	300
acgttggtcg	aataancgtc	ttgnttttaa	gttg			334

<210> 7761

<211> 547

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(547)

<223> n = A,T,C or G

<400> 7761

ntgnacggcg	acgacgacag	angcgngacg	tctttcttca	ngactcgccc	atccgncagc	60
gccgcgggct	tcacnattcg	catcggggtt	cggtgcgatt	caccaccagc	ttcgcccatc	120
acgatgaatg	tgctgctctc	gccgcagttg	ccagttttcc	ctcaccagca	cgaangcccg	180
catctctccc	agcgaaatct	ctctctcttc	acaacatgag	cagccgaaaa	cgaaangccg	240
ncgactatgg	cgacgaaagc	atgtcaccca	tgaagctcgc	ccnccgtat	cctctcnacc	300
tctcattcgt	ccgtcgaaaa	angtttngat	caaaatgact	tgatcnngac	gaccgctgcc	360
ttcgtcacng	cctttctgga	aacactnaac	accgatcaaa	ctccggtctg	gtcttggaac	420
gcatttgcna	agcgacatcc	cngacattgg	ccangaaggc	ggtttccggg	gcgcccgggc	480
cangcgttgc	tcagccatga	atgtgntcag	tcatatcagg	gacaaaagctt	nacgcccgccg	540
ccctcgt						547

<210> 7762

<211> 336

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 7762  
tcgtccagga ggccatgggc cactgcgcgc tggcctctgc ccccagcaag tgcaccaggc 60  
gcgccgtcgc cgactacttc gagtcggcg tcatccctn tgacctgtcg ccctgcaacg 120  
tcgagtgcgc cccctgggac acttnttgc cggccacgga cgacgctgcc ctncacaaca 180  
atgatgacga gatggaggcc atggcctnct ggttcaacag agacgangct gtttggcaca 240  
ggaaatcacc tcttggatta ctttagccct gtctccttcg ttgaactgtt tcgcaacttg 300  
gcgctgctag catacatgca tgtacatctg accgcg 336

<210> 7763  
<211> 732  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(732)  
<223> n = A,T,C or G

<400> 7763  
cgcnnagga agaggacacg ttcctggccc tgcaagccgc cattgctgcg acggcggaga 60  
atcctgctgc attcgtggca ccgagacacc agccgagtag cggcgctttt tcactcatta 120  
agggtcgagc tgttcccaac gggcggccga acatcttccc ttctaccatg cagcctcaaa 180  
cgcaggatcc gatcggaag ctccaaaggg aggatgccct aagctacatc aaccaatatg 240  
tgttgccgag gctgagtctt ggggctacaa gtatgggttt cccgaaggga gcttcttcta 300  
ctcgtgactc agcagacctc aactctctgg cgccctactt ctacggccct gatgctgccg 360  
ctgggtgtagg catttacagc tcgcagaaaag cgctcgggcc atacaagact ttgccgctcc 420  
gggcatgtcg ctggacgaga ttggtaaagg agcggcagca gttcgattgg caacatgccg 480  
ctgatgagcc gttgaagatg ccgaagcagc tncctgacagc cgccaagaaa nagaccgaga 540  
aactcgaaaa gggctctgaac atgggttatca agcgggaatcg caggctcttg ctcnngggctt 600  
gatgttgccct tcggcccttg gggtgataa gctggctcgt gaatccatga tgacgcccac 660  
attggacaaa aaagtcaatt tacaaaatta gatgnattan tatatgtata aatagcaggg 720  
cgnaatctcc tt 732

<210> 7764  
<211> 627  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(627)  
<223> n = A,T,C or G

<400> 7764  
caactgccac ctctcaggct gccggtggaa tgctgtcaaa gcactccga ggtggggctt 60  
ggagcctgga gcacttgtca aggccaagat atctcctcta attccccgcc agcggctgca 120  
ctggatactg caaaaggac accccaagcc acccagaaag gctccgaaac tggggcggtt 180  
catggctcca gacagtgcaa ncgtgggggg ttttcgtggg tctctgtcat tgntcatccc 240  
ctcgatagac tcttgtggan cgcttcaca atctatgcca tgcaggtaac cgatggaagg 300  
gctgcgtacc caaaggaatt catgccanta cggnattccg tctgccggtg ctcatgccc 360  
gctttctgtg gcactnratg gtgcctncaa aggaaaaaga ntccccctctg cttcgggcct 420  
gttctatctg catacgnta cgtaccggga gcatgacacg ancatntacc cctttanttt 480  
gcgcctntgg ccccaaantt attcggaatg tgggctttgc taccanccgg gtatnaatta 540  
tttgggtcaa cgttcttcta ancaatacca aagcgtgggc ccgttatccn ccacgttaca 600  
attactttga cnaaccgntt tattggt 627

<210> 7765  
<211> 407  
<212> DNA  
<213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(407)  
 <223> n = A,T,C or G

<400> 7765  
 gaggacgcag atacgccgtg gttcctggat gtcgaacccc cccgacgtgc gtcgctacaa 60  
 cacattgcat cgctgccaaa agtgcccgaa gatgcgcccc ctctcctcga gccgatgatg 120  
 aagtacatat acgaagacat gggcctagac gagctgtcca tgctggacct ccgcgaactg 180  
 gacccgncgg cagcactnng gcccaacctn atcatgatct tnggaacggc acgaagcgag 240  
 aggcaactgc acatttntgc nggcccgttc gtaccgatgg ctgcgcaaga accaccaagt 300  
 tggagctcgg gcggatgggc tnattgggcc cggagagctt aagaacgaan ctngtcaagg 360  
 ntgaggaaan aagggccaaag atncttggga acccaacaca attgatt 407

<210> 7766  
 <211> 502  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(502)  
 <223> n = A,T,C or G

<400> 7766  
 ggcagcgcag tgttgtatcg cgactttgaa aagacaacca agaagcaggc ggccaagttt 60  
 gtggggggct gcctactcac cttctttggc gtctttctca tcacctctgg cagnagacca 120  
 gncgtgacga cagactgacg aggaagatgg gctggctcga ggccgatgng catcgaaaga 180  
 gacaattggg ctgacgcagc acagacggcg gcgcctcatc ctctgcgctt cctcaagcac 240  
 ggcgtgagca agcggcgccc cagcctaccg cctccaaaga caccatcttc gacgatctag 300  
 caataatgtc gacgaagtca gtttttgccg acgcgctcaa ggtcggactt cagccacagc 360  
 gccgtcgagc cccatcgacc atgatttcaa ccggcaact ccccgcacac ttaaccggcg 420  
 aacnaaacgc atgtgctggg taacaaaccc atggnaaagg cctntgggtg agccaagatc 480  
 ttccnngggg ggctcgga at 502

<210> 7767  
 <211> 679  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 7767  
 tcgcccactt ttcagtcgac ttcttgattc atacaactct tgatcagctc acattcgata 60  
 ccgctcgcta ccattcagag aatctgtcgc catggcctcc caagaaactc ccgaaatggc 120  
 acagaaaacg gctcagacga ccacggttcc tgtggcgccc gctcccgcg actctcttct 180  
 caagagctgg cggctgccgg ataccagcct tactaccaag cttatccagg ccaaccaact 240  
 gttgcgccta ctccggccga gtcaaccaag ggtgcctaca cgagactcgg attccacggc 300  
 gtcgtcgttg tcttggggcg catcngcctg ggctgtctt ttgtcgtctt ctcggggggg 360  
 atgagggcta cgggattggt gcttgccgca gctnctggtg ccgctgnctg tttccttgga 420  
 gtctcgcana aactaatcac cagaacggtg cgtaaatgga aagccggcat tcacccgggc 480  
 gcgcacgtgg gcatntgcct tatcctctgg cttttgacgg ncattatggg cngcagcctt 540  
 gtcngcgttt gtcgccctga acgacgtttn ggacccggga cgaggagaac tgnatngtca 600  
 aacacgtacg aacggtaacg gnaaccttga cacgtaccna cnagtgcgan gactactacg 660  
 ngcactaccc gcngggcaa 679

<210> 7768  
 <211> 579  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(579)  
 <223> n = A,T,C or G

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<400> 7768
ctgtgagtcg gctcagctca tcccgacagt ggaatccatc cacctaactc attttctcta      60
attgctttct ccccagcctc tctcttattc tttcattgag caataagttg gatagatggg      120
tcggggagggt gaggtgcggt cgagcgcggtg acttggggcca aagtgcccat cgcacgcgac      180
cttttgtata ccggcattcg ccgttgggct tcttttttct ggtcacgaac cagcatatat      240
gtggacagca gcagggggagc tggactggac tatgctaata atcttgacta tgcggatata      300
ctcgaatgaa gggcagggat aaaacggacg tacggagtac gaagtggatt tcttcttttc      360
attattcctt cctttttttt cttcatcttt cctctagtct tttcttcatg ctctttttgc      420
tctatctttg ctttancctc tccattgagt tcaangcaac ggggagcaag gagccagcga      480
tggcattctc tttgtctaca gcattgtgtt gaaatacgta tngggtaatg cnetgcttcg      540
tgtcaataaa tctgcngant actatcaata tatatacaa      579
```

<210> 7769  
 <211> 800  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(800)  
 <223> n = A,T,C or G

```
<400> 7769
caaggcngnc ccacagagac aggagcggtc accgctcgtc gtaccaacag caccaaccgc      60
tctcatccag cgcacaactg cggatcccggt gagattctgc tgtcaactgct gctgctacct      120
tagccaggac atccctcttc gcgcgggtac gagattagct cccgagatca agctagctta      180
tagacctgcg cattggtggc cccgccctgc aatcaacgaa acccgaacag agccatgcct      240
gcaactgctt ctcaacaaac ggttctcccg ctctgtgatt ggtctttccg agttgacgca      300
gagaaagggc cggcccagct aaatagcccg naggtctgca acttgcgctc ttctgtttct      360
tacactcatt gaaccctcct actgtcactg tcctacaact tcctgcaacc cgggcttgac      420
tcggacgata ctnactccgt cagcatgagt tcagccgcgc acgtctcggc cggagacgct      480
gagctgcgga ccgncatgct tacgagcaat caccagacgc aagggnnaaca ccaaccccaa      540
gttntgnggg gccaatgaa tcgctacggt tccangatgc caagatggag gattgataag      600
ccaaananac ttttggccgn acaccggatg gnacaataat cgtgngccga ctacncacga      660
natgggttcg caagtctctg acccgcgaa gcnaaaaact ttccggacct gtggggtact      720
attctacatt gnnaatttaa cnacatntgt ttggcggttg ggacaancna cttgggttcg      780
cggccttttc ttttttgaa      800
```

<210> 7770  
 <211> 554  
 <212> DNA  
 <213> Tricoderma reesei

```
<400> 7770
ctcgggtacca ctttgttcgc caggagagcc tcgtggggtc cgcgtccgtg cacgctcatc      60
cgcacagggg cagcgagagc gacgcctccg tcgtggcgct ctcgtcgctg tcgtcgctcg      120
cgagcgaaga ggccaagaag ctgcagcacc gcgcacggga gcagcgcgct ccaaaggttg      180
cgcccagata agaaacaacc gccatcaaga agagcgagga cgaagccgc cctgtcgaga      240
agctgaaagg agtaggtgtc cggagaggaa gcggtccttc tgggtgctgt actcaagcag      300
tcagcgctga cgggtgtacg gatgagttag ggcggcggtt tgtatgcaac ttcattggag      360
```

cattgcttgt	cacatgggcg	tcaattgtta	ttcttcta	acctcttgtt	ggatccttgg	420
cttgctcggt	aactttcaag	gcgtaacttt	tggattgggg	gaaccccata	tgccatctgg	480
tccatggcga	cgttgaaact	tggaaaaata	taccctacct	atatagtaat	acccaaacaa	540
attatcttca	tgcc					554

<210> 7771  
 <211> 419  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(419)  
 <223> n = A,T,C or G

<400> 7771						
atgtgcagca	tcaaactccc	gtcaagcccg	gccagccctc	cgtcaacggt	ttctcgaccc	60
cgcaaacc	acagcttcat	cagcaaccga	atgccgggtc	tggtcacaat	cggaatagcc	120
tctcgcgag	catggatcaa	gccgggccaa	atgactttct	aataccttcc	ccggctcact	180
cgagaccgg	aagcattgcc	ttggggcccc	tcgacggccc	gacgatgggt	gtnatgagt	240
tcgagcagca	gatgccccag	ctttccccga	gatcagagga	atacagtcca	ttgcgcacga	300
nagcttttcc	acgtattggg	gggagttcga	ccttcattgc	cggcgaaact	ttgttggggc	360
gccantaagc	ttgggagccg	gngggaaagc	ccaacttggg	tcccggcccc	gnggaaacg	419

<210> 7772  
 <211> 648  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(648)  
 <223> n = A,T,C or G

<400> 7772						
actgttggtc	gataccgatg	gctttctggc	caatttccgt	ggcctcacct	gcgtatacct	60
tcaaggagtc	gtgactgcgt	ttccgggtcg	catagtcaac	cgttattggc	gctggggagg	120
cagctttctt	gtgcgactcc	ctcctgcgct	ggcaatgggt	cagttcagta	ctttatggct	180
gcattctcat	atcgctcaac	ccagtaagcg	atcattcttg	agacgcttgc	ccccgtttag	240
acgcacctac	gaggcaacat	ggagaagccg	tcgtcgttca	ctgggcttct	gtggaagtga	300
ctcgatggct	gccctattgg	ctggctactt	atctgggcat	tgactggccg	cgattcaatc	360
tcctcatgcc	cgacaacatt	acgctttcaa	tatccaaaca	agaactggag	acatctactg	420
tactcgaaat	acgctctcgt	atcttnggta	ccgcacgggc	tccatctgcc	tcgttgtaac	480
cagccaaagt	cgttctgatg	ccatttcaag	cgtcccttct	tccggttgaa	gatcgacca	540
ttatcccttc	gacagatcct	ttaatgggaa	aagantggcc	tacaccgggg	gcggccgagg	600
tattncacaa	tgttgacgcg	tctttacttt	tacctgggca	agctggaa		648

<210> 7773  
 <211> 877  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(877)  
 <223> n = A,T,C or G

<400> 7773						
tctgaaattg	cagcatttct	tgctctcttc	tcaatcccc	atgtttccca	cctgaaaatc	60
ctcggcaggt	ttcacatgcc	gcttggccgt	tccagaacct	ccccgggccg	ccgataatcc	120

ggtcgcagcc	caccagcgcc	aatcacccgt	ggggcccttt	gacggcaggg	gtctcgaatt	180
ggagacgtgt	ccagctgctg	cttacctatg	aacgacttga	agcatcaccg	actgctcttc	240
atcaaaaacc	ggtgccctgc	atgtcctgct	ttgcgccgct	gcccgccacg	tcgtcaaaag	300
gtcttggttg	aggccgaatc	tcggttcaga	atctgcgcgc	gtctgcattg	catccgattg	360
anctgctgtc	ggnacgggtg	tgcengntct	ggaatgacaa	ttgcgactac	tgctgctagg	420
tacctgnagc	atcaaagctg	taagntcggc	cagctcccac	aattggaaan	gtttcgagaa	480
agnaggggct	tgaaacgagn	gacngathtt	ggccgnanag	gggcantatc	gtcangcngc	540
ccttngattg	cattctccaa	ggcaaaaactc	tnagtatntg	acaaaaatac	ngangggccg	600
ncggnaaaaa	tggaccggcn	ccaattgctc	ccttngnttgc	aagnattntt	tcttgggggt	660
ctgagnattg	gncccgattg	gtggacngcc	gggtttcgna	acaactcnaa	ccnttttggc	720
ncgtacgnaa	aaaggggnna	ttcggcccaa	cgnaaattgt	ccgaantcaa	acttttgaaa	780
antcgggtccg	gtcnaagnaa	atgaaacctt	gcnggggagna	tctnnggcacc	gtttaaatcg	840
ntgctaaggg	accacccgtt	nttnggccga	acccgga			877

<210> 7774

<211> 776

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 7774

cttcttccct	tttctcttct	cttgccaaat	cattcaccat	attcctacac	ctctacccat	60
ccatcattac	atctttgaag	catcatgggc	tcttccaagg	cgctccgatgc	tgacacctcc	120
cccaggccct	ctcgtggctg	ggatgccacc	gcgcacgaag	ctctcctctt	gtgcatcatc	180
gatgaagtca	agggcggcaa	ggcgtgatg	accgaggtca	ccaagaagat	gcaagcccga	240
ggctacacct	acagctacga	tgccatcaat	caacatgtcc	agaaattgcg	caagagccgt	300
gatactgcag	gcatcgtcgc	agcctcctcc	gagcctggcg	ctgcactccg	cgcaagagcg	360
ccactccgac	tcctcgcaag	cgccgctccg	ccaagaagga	gattgacgat	atggacgacg	420
ccctgagcct	caagctggag	cagcacgaag	atgaggagat	gggcagtcct	tgcgagcgcc	480
cgcgtaagcg	cggcaagtct	ctcctctcgg	ccaaatcaac	gccttgata	acgagaccaa	540
gcttgagaac	gaggatggta	ctaagaagcc	acctggatgg	atgccacggg	tacgaagagt	600
tgactgaaga	attgggaacc	agttgacgcc	ctttgagggtg	tgggatatgg	gttgaatcaa	660
agggctagct	gggtcaagtg	gcatctgcat	taaggcaaaa	aagacattcn	catattcgca	720
nggcatatac	cgtctttttc	aagacangga	atgattacat	gcagaatttg	accttt	776

<210> 7775

<211> 118

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 7775

ncctcaacaa	tattnccgat	cgttgtgacn	cgngccttat	ctttantcgn	tctccncatt	60
gctaccataa	tgttcacata	ctnctatcgt	cgactgggtan	gctacntata	tataagac	118

<210> 7776

<211> 469

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature



<222> (1)...(469)  
 <223> n = A,T,C or G

```
<400> 7776
nggaaccttt tngaaccaac cccttttttta aanttttact ngcccgcna ttcgnactga      60
ttgctttngc gtcacanaag gccaccatta aaaacaantg gcttgcatg tggaacttgg      120
cattnccgac ccnancacc gggccttttta aggggaagaa ttaaaaatgc ttgatggtgg      180
tcncccaagt ntcgaccaan aagactnggc cgccaactga tcnatgactt tgaaggaaaa      240
attgcaaaaa agaaaaagag gacctttgtt gcactattga cagacgtggg atcaacgggc      300
ggaaaatatg ttattctcct taagatttct atcatgggna ccaattccaa ctttngcatt      360
ttcgacttta acggttcctt gaaggacggg ccgttttttt caaacacctt tgcgccactt      420
aanttnaacc aggttttngg ccatnttggt aagcttanaa ccttaaaac      469
```

<210> 7777  
 <211> 760  
 <212> DNA  
 <213> *Tricoderma reesei*

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

```
<400> 7777
nncaccacat cccggctgca gttcaggagc ctttccagtg atcctctaac aagtcgcac      60
acgcccccg tcgcaacgcc gctcagcgca atccctccag ctgcatctac acttgctaaa      120
gggactcctc tactctcttc cgaatagaaa aaagaacaac ttcaatccct ctacatccg      180
ccatggccca aaccctcgag cagcgccggc gcaacgcca gttcgccaag gaccaggagg      240
ccaagatggg caagtcggag gaccagctca agaagcgcac aaaggagacg cccaagtcgc      300
catctccctg ttctggctcg ccgtcttgcg tttgtcgtct ttggcgggct cgtctttgag      360
ctnctgtcgc gcttcttcgg cgtctaaaat tcgaatcgat atcaccacct actccatgtc      420
gattttgaaa accagacaga acgacaggga tccaaccaga aaacacattt ggcgacggga      480
gaangaaaca accgaggaag gaatatcgaa cgcatacaag gagggccgga cnggttttga      540
catggtcaan gggcagaang cgaanatctg gtgaaaagtg agataccgtc gacgagcdga      600
cactggggcg tttgttttgc gtgcctgccc gggtcatttc cggngtgact ttacagcaga      660
cgtatnatgg ggatttacgg ggcactggca ttggacattt atnatttggg nttttacaan      720
aaaccaaggg gaaagcaaga aagaanaaac nttattnttt      760
```

<210> 7778  
 <211> 530  
 <212> DNA  
 <213> *Tricoderma reesei*

<220>  
 <221> misc\_feature  
 <222> (1)...(530)  
 <223> n = A,T,C or G

```
<400> 7778
aagcccacga cgctctccaa tctgctgcca tccatgctga ggtccgtgtc cttagaagac      60
tcctttctca tgaagggcgt cagcgggcct ggccgtgtga tgccggcgtc ggagagcaaa      120
tcagcccagg gtccaagaat ctcgctgctg acgtcgctga caacgctgtc gaggttcac      180
ttggcaaaaag tgctgatcag ctgcccttgg aagcccgctc cgatcttgaa gatttcgccg      240
atgatgtcgg ccatggtgcc ctgtgtagtg gcgcccttgt ccaccacatt gaagatgggc      300
actttgccca tctcgctctc gttccagttg ggcttgccgg cgtcgtaacca ggcggcaatg      360
tnccaaaggg ctcgggatac ggcagctcat caaggacaac tgggaccgcc tggcggggcg      420
gcatcacgct tcgagcaagg caaagacgtt tgcccgcacgc aaaagggcgga acgtccttgc      480
gcggcctgca aggttgccga aggccgccat tggccggccgc ccggagcttg      530
```

<210> 7779

<211> 518  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(518)  
 <223> n = A,T,C or G

<400> 7779  
 cccctcacc gcagcaccag caccagcacc agcaccagca acagtggaca cctcaggaac 60  
 aacgacgaaa accaacgcgg gaagccgtgc caatctgacg gtattactta tggatgatgc 120  
 cattttcccc cctttgcggc tgcggtcac gcaatctccc gggtgcgtcg ttgctccaat 180  
 cacggccatc tnggcaggct gacgcgcagt gcttaaggga cagtattagc tacatatata 240  
 ccaagcacaa gcacatcttc ttttcncaac tcgggaatcg atgggtcgtg ctttaattgg 300  
 tagaatgggt tttgggtgcat atactgtacc tacagatgcc ccctattgga tgccaaaana 360  
 catcgggtcaa ngaagatgat tgcgggtcct acgcccgatg aataagatca tgtatgtaaa 420  
 tgaggntata gatgcagaat attggaggaa ctggcgcttg caccgggccg cttngttntt 480  
 taggcgatcg tcgtcacgcc gnggggaaaa aaaaaaaa 518

<210> 7780  
 <211> 384  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(384)  
 <223> n = A,T,C or G

<400> 7780  
 gtcttcttgc cctactacct ggccagtcgg ggcgtncagt ttggcgctcac aagcgccttt 60  
 gagacctgga ggaactatgc gctggtacag gtctgcggca tattcgggtc tgtgcttggc 120  
 gctgtcatgt gtaactggaa gcccttgga cgaaggtata ccatgggtcat tggggccttg 180  
 attaccatgg cctcttcttt gcgtactcgc aagtcaaagt ctcagggtgga aaacattgnc 240  
 tacagctgng tcntcttctt tacgctcgag atctactacg ggngtgctct taengataca 300  
 ctgnaagatc ttntgntctt tggccaatcg tgggcaccgg gncaacngga atccgccggg 360  
 ccnttttgg tcnacttngc cggg 384

<210> 7781  
 <211> 565  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(565)  
 <223> n = A,T,C or G

<400> 7781  
 cgaatacgat ggaggatgat gaccgaagat gatggggacg aggganaagg cgagggcgaa 60  
 ccggaggagg aagagacaaa gatgaaagaa gaaccaccga agcctgttgc tgaccagca 120  
 aagccagcca gggccgcaag ggcaccgagg tcagcgaagc ccgctgcaga gccggctacg 180  
 aaagaggtca agacggagac accaagcgtg cccgtcagga gcggctgggc ggntttcacc 240  
 tccagaccag cagcccctga cgtggaaatg gccgagggcg acgaagaaaa attcgagggtg 300  
 gtgtaatgaa gagaggtggt gttccatctt gtcctttagt gcgtttctgt ggctttatgt 360  
 gccattcaa tatgacctgc gcgttgaaaa nggattcatg atggttaaaa nggggtttcg 420  
 tacaccgatc gcagcatatc tntaccaaen ttgtngatgc aaaatgggan aatgagggcc 480  
 tgtatgtatg ganagagang ggtttcaaag ctctgttggc agcanccgac cagcgaacat 540  
 caaaatgnga ttatcgattg tctct 565

<210> 7782  
 <211> 471  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(471)  
 <223> n = A,T,C or G

<400> 7782  
 agagagctct aaagggaaaa aagtaaaacc acaagaagtc acaccatagg tcttcctttg 60  
 gagcaagtga ctacctccta ggaagcatgg gccgacgact atcacgcttc ttcccagccc 120  
 ttctcgccct ggccgtggtg ggatctgctg ccggggatca tgtaaaggca gcagcggcat 180  
 actactccca tgagggtcga tgcgcggcaa cgganccgag caagaagccc gttttcgtca 240  
 gancacaaac ctgctgctgc tacaaaaagga gaatcccctt gaccggcgga gtttggggat 300  
 ttttgtgagg gagcagctag acaaatggaa ggntnctggg attgcggtgg cggttggtga 360  
 ntggggatga agncgtatgc ccagggctat ggatatccga cgctgccaga tgtccancta 420  
 cccccgagac gcttntggtc cggtgccgtt aaacgacaaa agcttacgtc g 471

<210> 7783  
 <211> 798  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(798)  
 <223> n = A,T,C or G

<400> 7783  
 gacaaacagc gttagaagcc tcaggctgcc ttcaagatga tttaaacaaa cctcttttaga 60  
 gcgttttctt cccctccgctc aaaattcagt cccaggacat taacaacatt ctccccactc 120  
 aatctttctc ttcagctcac cattcggtcg acctgaactt cagccctgct ttgaatagca 180  
 tcaagcacga gttctctcct caacgccaac atttctcttc aaagactttc aagtcttcac 240  
 cacggattcc aagtcaacat ggcttcccaa ctcaacttcc gccctgccgg caccatccga 300  
 gcatctgtcc tgaaccccg tgcagaatccc aagcaggact ttggtctggt cgacaacccg 360  
 ccgcctcgtc aacatcataa tagtcgcatt ggcaagtacc tagccaacgg tcgggnactct 420  
 tggcacttcc cggtcgcgag aagcacgctt taacccgcaa gtccaagaac caacgaggtg 480  
 ggccaaaatt cttcaaggct atcggggcac ccaagaattg gcttctgcat acggcaaatac 540  
 gttaatcgaa tcagttctac gcatecttgg gttcaccctc taactggtct ccttggaatc 600  
 ggncttttct caatgcaccg ggcaccaagt acccttgggt tcantccgac actgggtaac 660  
 cctggncaca aagccgcca aatgatgaac gctggagatg tcgatttgga ccnattcacc 720  
 gtcttggaag ggagngcct tcacggggct ttttttttcc gggtgcgctt tcagnttcga 780  
 anttancaag cggngcct 798

<210> 7784  
 <211> 390  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(390)  
 <223> n = A,T,C or G

<400> 7784  
 naacgcaaga ggacaaggtn gatgctgncg ctgacaagaa gcccgccgat gccgagcctg 60  
 aaccgatacc cttccacaag ctgcccgatc tcaccaggg cattccctcg acactcgagg 120

```
ccgagctcga gcagaagagc ggcaagtgcg cgtcngtacc tggaagtcag cgagggggag 180
ccgtcatctg gaggaggagg ccgcggccga ggtggcaggg aagaatatgt ntcgaccagc 240
gagcgcaacc gnaagtgggtg gacttcgctt catgctgacc gtggccgggt cgggatccgc 300
ttggtgggca ttgcgtacat ggggtccgcaa ctgggaggac gaaatcgagg caagagcgcc 360
ccccgacatc cncaacggga tggagcccca 390
```

```
<210> 7785
<211> 371
<212> DNA
<213> Tricoderma reesei
```

```
<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G
```

```
<400> 7785
tcaacccgga aggggggggc ccggggggcca aaaaaaaagg gnaaaaaacca aaaacccatt 60
tnttcctttt ttcaaaggna accncaattt ctttaaccgn ccccaaacc cccgnaaaaa 120
aagggncttg ggcccgggtg cgggcctcca aaagnccaaa aaaagggnaa ggaatttccc 180
cgttnccgnc aaagncgggg gaatggaaag ccggaaccct tttcaaaggc ccggcaatta 240
cgaatcctgg aaacggggcng cttccccctt ttgggttacc cggttgggtc aaccgggntt 300
gaaagcaagt tcgccttttt gaacgtgggc ttttatgggc ggaagaatna aggcgcgggt 360
tttccttcca a 371
```

```
<210> 7786
<211> 440
<212> DNA
<213> Tricoderma reesei
```

```
<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G
```

```
<400> 7786
ntcggcaccg aggctctcgg aacagccccc gacagccccc gaccccggcg tctagtctgt 60
gatacaaaaca ttcgaacctt cggtgtact ctgcactccg gcataacagc tcgcacgagt 120
ncataaaaaca tcaacgcctg ctctcgaggc ctacctagta gaactggcct tccaccgact 180
acctaccacg acaaaccaca gccagcttc acaatggcta tccgagagcg attccgncgt 240
gccctgcgca gatccgacga ctcagacacc atcatttctc agacagactc aaataccacg 300
acatgcatcg gtcgtcggnc ccgacaagag cttcagctcc gaaactcgct cccagctat 360
cgttgaataa gaccagnttc aacatttatc aaggacacnt cgcctcattc agcctccgca 420
gncangggaa aaaggacat 440
```

```
<210> 7787
<211> 184
<212> DNA
<213> Tricoderma reesei
```

```
<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G
```

```
<400> 7787
ncacttttatt ntttcncggg aaaggccccc cggncgntaa cctnttgggt tgcaatgntc 60
tacagtcana ggaccacaac cncgccgant ggntgatgac ctaccatagt tacnttngaa 120
ttgggatcca ngatgggtat cgcgnccccc ggtaaccccg gagcgtcctg gaaanctcna 180
cgac 184
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<210> 7788  
 <211> 507  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(507)  
 <223> n = A,T,C or G

<400> 7788  
 nccccatcaga tacccttttg cccgatccttg caactgtcgg cggcctttct cttctattca 60  
 gctctttttc ccctcgcttc ggacccgaaa gactaccgac gacaagcgac caaaggcctg 120  
 ncccataaac gccgtgtgcn accagttctg ntggcgacaa gggctctggcc ttagtccctg 180  
 gcgcctcgaa gcaagggaag gaaaaaaaaac aanancattc ccaaaagaaa agaggagaan 240  
 gaccangggg ttcntacggg gggctctgtng ggtctagccc aacaacgcct tggctttgcc 300  
 ttggnatgca tcggctgctg gctntttttt tntgggttggg ccccttttctt gctttntttc 360  
 cgnacagcac tgacngtga tacttttttg tgcaccttg antcaattac acncattntt 420  
 tttgnatggg gctgngcgtt aaaaatggcc tttttttttt aatttgacct ttttttttnt 480  
 tggcttcata tgggacnang ggataaa 507

<210> 7789  
 <211> 259  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 7789  
 ngcacgaggg tgagcccga gttagccagat ggcacgcga gactacgctc cccagatcaa 60  
 gctcgagcag tcgcccgcga gcctgcagag ctgggtgccc aacgtgntcc agccgggtgg 120  
 cntgtcacgc ccgcccttgt cgtccaaactc gtccgatgcac cccgggtgctg cctntgggtg 180  
 ctccnactcc gncgcctctg cctctgcctc tggcgctgnc tctgntctctg gcccggncca 240  
 agcatcagcc tntggctca 259

<210> 7790  
 <211> 504  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(504)  
 <223> n = A,T,C or G

<400> 7790  
 cttgtttttg gtttgggccag caaaccccca ccaccacggg tgtcctctgt ttaacactac 60  
 gaggctctta catgatgtgt cttgtcacac tttctcattc aacggggccct gaaacatatt 120  
 ggggttcgct ttgcagccgt cgattctcct ttgttgctcg cagcaacagg caagagcggg 180  
 aagttgtatt agtccatgtt gtcttttcctt cgtccttcat gtctgggtgct tttctgggtc 240  
 ttgtcagtat tatctcttgg agtttgggcca cacacgacgg ggtttgtctt tgtttcgtt 300  
 ggcgctcaca agggcatatg ggaaagtttg gtcttttgcc tttctatgtt ggtttcctgt 360  
 tttggttgnc tctgggttcc ttatactgcg cgtctggattc ggttcatgac aggtctcgcc 420  
 gatggaagtc actctaccac tacggnctcat ctctgnggt acatctctca cgggggttcc 480  
 ttcttgnac gctcttctat acgt 504

<210> 7791  
 <211> 369  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(369)  
 <223> n = A,T,C or G

<400> 7791  
 ngttcaggtg cngcagcgat acccgtttat tccttaccgg ccnaccagcc aaggcgcatn 60  
 cgctngcaa gntagagccc ggcagactcc aactcancgg gatctgcctc ttanaacacc 120  
 nctgctcccn agagccgncg gctggcgcca angnggacgg aagcacatac acatgcacat 180  
 atacgngtg actctacggg ttgagacgcc ccaggctgtt gcagaaacac aagcgcgagg 240  
 gccaccggca gncgcacngg cttgnaagtg cccgcncgca cnacgaccac atgggcattg 300  
 acctcgagcc ttctttaaca agccagggtc gacccaacg gttgagatcg nattaaacnc 360  
 cgaggcaac 369

<210> 7792  
 <211> 633  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(633)  
 <223> n = A,T,C or G

<400> 7792  
 nccaantcat actctttctcg ctctgcctca gggagggtcat cttatacact cccaaggacc 60  
 agccgacnta tngggagctc nactcgcaag tcangtggaa ctactcggac gatatacctc 120  
 aagccctcgc agcgccatcc gacaggcccc atgctcccat caagcggaca ggcccgacaa 180  
 tgctcaggag ctgggagtg agcgggaggg ttctggggcg tcctgtgtcc acctttagcg 240  
 acattgtccg agttcaccaa atgcctgcat tcaatcatct caaacggctg agcttcacaa 300  
 acttccaggc gccctcgtcg ctcnagggtg atgatgagga tgacgagggc cacaacttgg 360  
 ggatgtcact caggaactac gcttgacca ctgctgtcgc anacgcacatg cccagctnaa 420  
 gtctcttgaa cacctcgtct ttcantcctc tacnatcatg acgaaacaag ctgctttcct 480  
 tcttccaaag acttgagcac ctggaactca tcaatttgct gggaanattg aagtcttgaa 540  
 gaatctngcc ccagttttct gcttcaactca tggnncaatg cccttcncg cccttgaccc 600  
 ttgatggcat taattaagtc gcttcaaacc ttc 633

<210> 7793  
 <211> 356  
 <212> DNA  
 <213> Tricoderma reesei

<400> 7793  
 gttgcacgct tatcaaacgg atacatctgt cgctgggtgg gctgagaaca agaagcgcaa 60  
 tatcgattca tcggaagtcg cggettatac gactgacacg tctgttgctg gatgggctga 120  
 gaacaagagg cgcaatattg attccactga ggtagcagcc tatggcgggc ctaatgttgc 180  
 gggttgggtt gaggacaaga agcgtagtat cgattcttcc gaggtggccg ctatcaaaca 240  
 gacgcctccg ttgcaggatg ggctgagaac tgatcgctc gtcagaacaa ggagctgtct 300  
 aacctgtcta acccttccat agcccagag cataattgac acgtcttgct ggcggg 356

<210> 7794  
 <211> 383  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(383)  
 <223> n = A,T,C or G

<400> 7794  
 gagctgaacg tgctgctctc ggcgagggac cgttctatga gaaagagacc aacacgctgc 60  
 gtntggtcga catcaanaag aagcagatcc tcaccgtgtc tctggatgac agcggagacg 120  
 gctcctcctt aaagacgata cagctggacg tctgcccac cgtcacggca cgacatcgag 180  
 ggagtggacc nccaggagcg catnctgacg ggtgtcaana catggtcntt gcggtattgg 240  
 atcgtcagaa ggggaacatat gagctgctgg cccatttcaa cagcccgan cacaatgagc 300  
 gtatncganc caaccgacgg ggcngnaaga ttccnaactg gcnagttttc ggcttgggga 360  
 ctatnacgga tttttgggca ggg 383

<210> 7795  
 <211> 283  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 7795  
 natgctgcgg aaagaagcca ccgntttgac ggacatgttc atggacctnt atcgcgggaa 60  
 ntctgtccga aaagttnat ttccgatccc caccctcgtc cttttggaag ncttgtnggc 120  
 ctttgaaaan gtcnaccat tntcttgaa acgaccggtt gnnaaacctt aanaaaggac 180  
 ttggccgaat ttttcaacan ggatcctttc accattaccg aggacnatgc gtttcgcgnc 240  
 ttcaanaatt gtccgntggc tcttccccgt gggggacaaa aaa 283

<210> 7796  
 <211> 907  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(907)  
 <223> n = A,T,C or G

<400> 7796  
 nttangggcan tgcacgagc gcttgacgct gtgttctggg acgtccccct tgctgtgcaa 60  
 cctctttcag tcgtttcgag ctggtctctc tcacacacac acatacacca cacacaaacc 120  
 accatcgct cgaatcgcc aattctcttc ggcgaccctt cggggcaggc ggctttttca 180  
 attaaacatt ttccttttgt cttcttaagt ctcttctng gtctcgacc agcaatctgc 240  
 gcgccaaagg atcgccaat caccgcccgc caggttggc ccgcacagaa aaccacagga 300  
 cgaacccatc cgccattcgc aattgnattg gccagnaaga tacacacacc gcaaccccc 360  
 cttccagacg ggggtactcc ccgcacttcc aacttctttt ttggactnna ccccggaata 420  
 agtaattcgc tnacaaaatt tggcngcgac cattggtatt tcaccaggca ccccggggc 480  
 cattttgcgg ccctagaagc ctttttagctc tgaggattac gcgatggaaa cgggtggcag 540  
 tgataacgca aacgactatg ccttgctctt caccatcaag attcccgtca ccagctcgaa 600  
 tgtaggattt acaaggacgt acttacgagt agcttactac cttacctacc atcacgtcca 660  
 acgtaggcca atgctgcagt tgagtcagag tntcgacaca catgcctctt agttcataga 720  
 tgggcaagtg gctatatata gagctctcta tgcagtttta tttctgcatt aacgcgctt 780  
 caattcggac tgtaattaac angtcggggn gnacctgatc nganccaacg gaacgcggtg 840  
 ctacaaatat ntgccagtg agatgagggc nggtcctttg ggaataaaaa ttttcgggt 900  
 tngacnt 907

<210> 7797

<211> 123  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(123)  
 <223> n = A,T,C or G

<400> 7797  
 nggcaantaa ngccccctc cncacctntt gntcccttct aaaagnngggc taaanaaaaan 60  
 tactctatat cncccaaaga gngggcgngt nttttctccc naatatnttt ttgcaaaatn 120  
 tct 123

<210> 7798  
 <211> 656  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(656)  
 <223> n = A,T,C or G

<400> 7798  
 cgatccgnaa tacgnggaca agcctctggt gctaaagaaa cgcgtcgcgcat gtcccattcc 60  
 ggatgacgtt gaagctcttt cggacggcac cgttcagagc aagagcgaga gcaagaattc 120  
 aaagcccgtc aaggacgang agacatatga aaagaccaa gtcaaggggtg ttgcanctgg 180  
 tggatatctg atcggcncgt caccocgagt gtgatgtggt cgtcagcgaa ggagtcgtgt 240  
 ccaaccgaca ctgccttata ttncagaaa aacgtttggc acngataccg tggcccgttg 300  
 tccgaggatg tctccagcaa cggaacontac gtcaatgagg cccttngtcg ggcgcaacca 360  
 gcgttgcgag ctgnaggacc aggacgagat cggntgttac nggcaaagcg agattcgtct 420  
 tcagataccc ccagagcccg caaacgagcg ccttctcaca acatacacgc tcttggacaa 480  
 agctcggcaa gggccacttt gnagaggtct atctgtgcgt ataaaagtnt accgggcaaa 540  
 gcgatacgcc gtcnaaaatc ttcacacagc atcccgggaa ggacaanagg ttccaagacg 600  
 gaaggcctgg accaaggaaa ttggcggttct tatgggggtg cagncattcc caatgt 656

<210> 7799  
 <211> 844  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(844)  
 <223> n = A,T,C or G

<400> 7799  
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 gcttgaggat ccttcttgtc ttcccttcgt gatcttacgg aaggttgtat gagaagattc 120  
 tctcgcgcca gcgcaagccg tcaacctgga ctttgaagcc cgagttcccg tgccctttag 180  
 tatcttcccg tccacttaca aggacaacga agcagcacgc cctcagaccc aaatcaagcg 240  
 ttcacgagga ggttcaactc accctccctc aacacaagcc agccggacgg gaggggtcaac 300  
 actcttcttt ccgcgaacac gccgactcag ctctnctcg cggcgaacac cgctttgaag 360  
 aagaggtccg tatcacgcgt gaggaagaac gtnaccngcc gtccnggttc ccgncagtct 420  
 tgaacgcttc gtgaaggaag agttcaaatt cattccacct tncttctngc gactacactg 480  
 agactcaagt ncaagtcnga cacttnttcg ccgnttcacc aacccattg acgcttgctg 540  
 agcgtgagta ttcgggaacg gtatnctgct tcaccaccca gagagcttcn ccngggcctn 600  
 ggaacttagt ttgttccgcc cgtncctcgt naacttccga acaaaggttt taactaaaca 660  
 actaaccanc tacaagntcc tttcgaactt ttaaccggtn gggccgaacg aagccacact 720



tttttgggtg	ggccccggtc	cccaaanggt	ttccccgggg	gggggnggaa	ttcaaggaat	780
cnccccgggn	gggaaaaatn	ccggggggagg	ttntntnttt	ccgngaaagg	ttcccccgga	840
aacc						844

<210> 7800  
 <211> 548  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(548)  
 <223> n = A,T,C or G

<400> 7800						
aggcagtgtc	tcttcccatg	aggtaattgg	gagccaggat	gcctttgagg	aaagcctcaa	60
gaaaatccga	cactcaatct	ccgaattcag	ggacaaggca	gtcaagctgg	atgagcgcg	120
ggcctggggc	aagaagaaac	ttgaagaagg	ccttccatgg	tggaaacatca	tcggcaaggc	180
cagactcggg	ctcacgatca	tcagggtgaa	ccaccaatac	aagtatatcg	agcgacaagt	240
tngtgtttga	ggggtgggct	tggacaaccg	caacttggtt	caagcacgtt	gtcttttgtt	300
cttgcttggg	gaccggctat	gcttggtgct	gctatcccga	ctcgtcnaaa	gcacgatgc	360
aaagaatnnc	agcaatggtc	ttgaangggc	ttggattatc	aanccccctn	tcgacaagnc	420
tccaaagagc	atcaagtacc	aaattgotta	cctgtgaagg	tgaccgggaa	cttttattgt	480
ttgnatgaat	accatgtgct	tacccatctt	ccatattctg	gtattttact	gcnttatngt	540
aaaaaaat						548

<210> 7801  
 <211> 1069  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(1069)  
 <223> n = A,T,C or G

<400> 7801						
nnttatcctg	naacatttct	tnnggtatacg	gtttactgcg	tcagtgccgt	acatgcctag	60
ctgtacagcc	gttcctctat	ccctcgttta	catnacacca	taacatatcg	aacctttgtt	120
gaagcttcga	catcctctca	cttataacaat	ccttaactac	tattttgact	actttgtcac	180
gtccatagct	gcattttatat	gtccgtatag	gtctacagtn	acgctccaca	cgtgacccgc	240
gaagaatggt	caaagaggga	tacgaacact	catcactgcc	aacgccggct	tataagttgc	300
aattcgagtt	gcatcacaat	cacgcgtcga	acaagacaaa	tccacaataa	catctcgcta	360
tctttgacgt	ggcaagtcaa	cctcgccgta	tgctttgcca	tctcagcctc	tttctagtca	420
ccagatttgc	ataacgcgat	gtccgctacc	ctccaagtct	tccgcgtggc	ttcggccgcg	480
ggatgcttcc	cttggtctcc	tgatatatat	caccatcgcc	accttgtgct	tgttcatcgg	540
cacatcttcc	gcccgcagca	gcgagcgatc	gaactggcaa	ctggacctcc	ctgacctgtt	600
cagatccccg	ccgtgcagga	tgctctctat	atgggctgcg	cccagcgctt	ggtccgagtt	660
ggacgcccga	cgacgctttg	gaanggacgt	cattccgagt	atggactcag	cacgacgagg	720
ggcaaaaacc	acgttcaagc	gtgtccgtca	tgaacacngc	tccatgcccc	ttaacgaaac	780
ggactggggg	gttaatcgct	tcccgaaggc	aactngatc	agaccaaact	tgggggtatt	840
ttntaagcag	taaccggacc	cgggggttacn	gggcccggng	gctnatttga	tttatgaatc	900
ccttgggggc	attaacgaga	atgtctacaa	ctttttacaa	tgnaaattta	aggatgcccg	960
ancaaganat	cgntcttttt	ttgnattttc	ccatgggaca	agcanttgna	ccgggccttc	1020
cnaaacccgc	ngccgngggg	gtaccaattt	tgccnanatg	gtgggattt		1069

<210> 7802  
 <211> 349  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G  
  
 <400> 7802  
 gagtacaaat agcttggaag gtgctgctgg ttaaaggaat ttccttcgag tatacttctt 60  
 tgactggcag acctgctacg aacatcattg tactgaacga cgatatcttg actccttcat 120  
 caatctcgcc aacctctcca tcgcatcgca tcacatcaaa cagcatccat cacaatgtct 180  
 cttcaatact tccccgcggt taagccctcg gcacgtcctt cggcaccttc ttcaaccacn 240  
 gcgtcgacct cgctgccttc gcccccgctt tcggccagac gtaccaccgc gcaaaggntt 300  
 ccaacaccca aggaggaagt tcatccgctn cggcgagggc cagcgggcg 349

<210> 7803  
 <211> 733  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G  
  
 <400> 7803  
 tgtcctggct ttccactttc tctgcgcgt gcttgaggtc agcacacggc tgggaggaag 60  
 ttgcagtaac gaggaaaggc atctacggaa aaaatgcaaa cattttgagg cggccctttt 120  
 tttgtagttt tctcggtctc atatcccatg ctccgacgga ggggaaatat taagttgtca 180  
 acaaagagct ggcagggtctg taccgacttt ggatatcaga ggttcaagca atatctgcgt 240  
 gtagctctct tccaacctca aagaagatat ataggccagt cccggcgctc taattgaagt 300  
 cgtccaaaatc gtgtgccata tcataaagag tactcatcaa gcgtagaggg caatgtcgag 360  
 cttgtgaaaa aaaaaaaagt tgccgcgact gaacttaagc agtagcagca ggagcctcgg 420  
 cagcaggctc ctccggcggtg ccgttggcgg gaggcgcggt tggcctcctc atcgggtctt 480  
 tcggggctat cgatggcgac cttgacggcg atctcacgct cttcaatctt cctttccggt 540  
 catctcaacg accggccttt tgctgganct tcttggaaag cagggtgacn aaaccnaaac 600  
 cacgttcctt gngtgccctt tccgcgggtg ctggagcttn ttgatcatta aaccggggat 660  
 ggggccggan ggcancttgg cttgacaaag gtctaactct tgaanaactt aaaancnttt 720  
 ttcttggtca ggt 733

<210> 7804  
 <211> 104  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(104)  
 <223> n = A,T,C or G  
  
 <400> 7804  
 gctaccgcgc catctcntgn cggagaangg nacactcttc ntgggctggt anctgtcttg 60  
 agccgtcncc tagtncganc tggagctgat tctnantggc cggg 104

<210> 7805  
 <211> 199  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature

<222> (1)...(199)  
<223> n = A,T,C or G

<400> 7805  
nngaccgtcg caccagacca atcttggtan tctccaccag gctngtcac acacgatcga 60  
gcgcattatc tcgantcgac tgcttctcgg aaaccacctt tatctacctg ctctccaagg 120  
taatagccac agaaatcgag gctcntgctn gttttcagcn gntcaacatc ttttccgtcc 180  
atnccagata cgttcacat 199

<210> 7806  
<211> 458  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(458)  
<223> n = A,T,C or G

<400> 7806  
ccaatcctca tcacacgctt gcgggttgca tccccaaagc cgtcaattcc atctgaatca 60  
cctcttttgt ctcttctccc tcttcacaca tccccccgca ttctcgcatg gctgagagta 120  
agacttcggc catctctgat gagcccatca acgtcctcat tgccctgcac cccaagtctg 180  
acattcttga cttttccggg ccattggctg tcttttagcg cagcgcacca cgactttctc 240  
cgatgaactg gatgtatttc gaactcgtgn aagaagggcc gcgggtgggt ggtccccctt 300  
ttatgctggg gttccaaatg ctaaccagtt gggtccccgg nacntgaata ncttccaagg 360  
attttgaagt gaccctggcc gngctngagc cgaangttct tttcttccaa gggcgcccnt 420  
cgtgcangtc canaatacgt caaaagaagn ctaacgag 458

<210> 7807  
<211> 284  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(284)  
<223> n = A,T,C or G

<400> 7807  
ntcaatntgn gcctactata cccggatgcc canaacatca cgacatcatc accggnatcg 60  
ntggcaaact tgcaannagg gagcnatgtg ctattatgcc tgccttccgg ctacanaaga 120  
cncagtggcc caagntcaag gtgcgacttt ggaggcattg gcgncntgta ctgcacgagg 180  
acggnttctt gaacttgnct cntcccgaca cccaaacttt cccaagcttg ngctgccgtg 240  
tnacattaaa nacnacctta attgattcgg ttgctgtgcc gacc 284

<210> 7808  
<211> 165  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(165)  
<223> n = A,T,C or G

<400> 7808  
ncncttattg ggcgggtccaa aatnnaaaaa ttttggtact ggganaaatg gggttgnan 60  
tatggtttca anttggacct acttaggatt tcccccaac angccctttg gtctaacttn 120  
aaccctttnt tntggccaac ngcctttatc taaanggtct taacc 165

<210> 7809  
 <211> 201  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(201)  
 <223> n = A,T,C or G

<400> 7809  
 ncacacggng ccttgggctc aagcctatga ctgcctcgag atgaacaact acnacntgga 60  
 tacaaccagg gcggtacta tcaggngcat gggcgactac ttcaacgata cggatacanc 120  
 nagccccgc tntatggtn agccgtgcgg ggctaacana cgantggcac gagttttnac 180  
 cgccatgang gatatttcac c 201

<210> 7810  
 <211> 152  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(152)  
 <223> n = A,T,C or G

<400> 7810  
 nntcgtatgg tggggcgagc annttcctac caaaccgtn ctncnaagtn cggnatgggg 60  
 tacttgagac angcgaggct gacncctact ctgacnttct tnagtggcac tccactntcc 120  
 ngggatggaa gcctcatcca acaacgcgac ca 152

<210> 7811  
 <211> 853  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(853)  
 <223> n = A,T,C or G

<400> 7811  
 agactctccc tgcgctgggt ctgtctgagc gtcacctgtg cgacctggag ctgattctca 60  
 atggcggttt ctgcctctg gagggcttca tgactgagaa tgactacaac cgtgtggtca 120  
 aggagaaccg gctcgagagc ggctgtctct tcagcatgcc catcaccctc gacgtggacc 180  
 aggcgcagat tgacgagctg tccatcaagc ccggcgcaag actcacgctg cgcgaaacttt 240  
 cgaagaacga ccggaatctc gccattcttg acnggtcgan ggatgtgtac agggccagac 300  
 aaggtccaga aagccaagct ggtctttngc agcgacaatg acaccacccc ggcgtcaaca 360  
 ccttctgagc gtgggccaag gacttttacg ttggcggaag gctcganggc atcaaccctg 420  
 ctggagcact acgacttctt cgacctgcgt ttcttccgc ggagctgcga tccactttaa 480  
 caagctcggg tggcaaaaag gtcgtggcct ttcagacgcg aaacccgatg caccgggctc 540  
 aaccgcgagc tgacggtccg cgccgttctt tccaacangc aaacgttctt attcaccctg 600  
 tcgttggnct gaccaaccg gcgacatcga ccactttacc caatccgcgt ttaccnggcc 660  
 ctgntgcttg ntaccgaacg gattgggcgn cctngcctgg taccctgggc atgccatggg 720  
 cggccccgan agggctntgg acnccngat cccaagaaca cgggcccnc ntttttgctg 780  
 gcgggacacc cggaccgnaa aaaangacgg aaggacatnc ggccgtcaag ccaaactctt 840  
 tcaaaacaca aga 853

<210> 7812

<211> 131  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(131)  
 <223> n = A,T,C or G

<400> 7812  
 ntgaaccctt tgagggaggc cctgtccntg tcaangatcg ggtgcaagac tnngttattt 60  
 ttacaattgg gatctcgtcc caaacgggag cattnnactt ttnnattccc caagacaacn 120  
 ggaccccctt t 131

<210> 7813  
 <211> 190  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(190)  
 <223> n = A,T,C or G

<400> 7813  
 ntttntctgga atattaaaaa tccattggaa ganctagcat caccatggnt tcttanaacc 60  
 ccccaagccc aanactttgn tcaaattcca agcgccgang taaaaattna agtcgngggc 120  
 ctttttccca ggccaccnc gttaagngtc cttcccgctc cttttngttt tganaaatgg 180  
 acnccgagtt 190

<210> 7814  
 <211> 560  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(560)  
 <223> n = A,T,C or G

<400> 7814  
 acnaacacac accaatggga gacatggcat nttatacgct catgaaagga ctggccatta 60  
 atcnnacatta ttctgcagta tacaaagcaa ctcaactcgg anaatcaaca tatccccgaa 120  
 tccgtcancc cgcaactcat caagcagatg aacagcagat acctctgctg cgctggttcg 180  
 gattaaatgc atcctggctt ctccctacccc gatcatggat attctgcccg ccgataccca 240  
 gtcaatgggg gtcatcttat gggcggnoga ccccggcgcg tacgggcttc gacaagtccg 300  
 cccaaactcc gcgactgggg ctccggggcc aagtccgagc atcacggcgg catcctttgg 360  
 cttgaccgtc atnctctgaa ccatacattg tacatctctt tctgagaaac ttcngetctt 420  
 gtgctttttn nttcagcttc ccngngatac tgccatcgcc ggtatcnggt aanggagtta 480  
 tgnttcaact taagcagtc cttgagagan cgaagccccc acacttcgcg gggcggacaa 540  
 cgtttggttn tnttgccgcc 560

<210> 7815  
 <211> 201  
 <212> DNA  
 <213> Tricoderma reesei

<400> 7815  
 cttctccctt ctctccttct caaccgctgg cactgccctg ttggcatcac ttctctcccc 60  
 caccgtcagg tttcttttct tcttgagaaa acaccgcgta gtataccctt tttcttttct 120



[illegible]

<221> misc feature

<223> n = A, T, C or G

ntaatnttgc	cgnccantcg	gcacgnnggat	acgctcaaca	acacgcagaa	gcggctgtac	60
ggcatcgcca	acacgctggg	cgtagagcgg	gacacgatcc	gnatggtgg	agctgcctg	120
cncgctgagga	canagtgatta	ttcctttgnc	gcgggctgtc	atgggcaatt	ntttcttggt	180
ttcgtntgnc	tcgcggagt	ncacttttcc	taccaatgna	atggccaatt	ntntgggtaa	240
gcncctgccnq	gaqccgqnn	cctttgqgcg	gtttttthaa	ggctatgg		288

<211> 154

<212> DNA

<213> Tricoderma reesei

<221> misc feature

<223> n = A, T, C or G

natcttttctt	ctggncatct	tggttttttt	tggncntggg	tttttcantt	ncttggttgn	60
tccgntaaaa	ggggnaaaaa	acttgggaatt	ggccaancaa	cggttacccc	gaattgaatt	120
ccaaqtttac	cggggcccqg	ttcntttccn	qgtc			154

<211> 119

<212> DNA

<213> Tricoderma reesei

<221> misc feature

<223> n = A, T, C or G

ntgaagcaaa ggggtcncctc ttttattgtg gcttnnatac ttttcgacaa agatccctct 60  
tattggagca aaatnntgga cggacatgcg caccggcanc gangaatggg ggtaacttt 119

<211> 322

<212> DNA

<213> Tricoderma reesei

<221> misc feature

<223> n = A, T, C or G

ngaccaactt	ggttccatgg	aatctgntgg	tggacttanc	tgcaaaataa	tcttacatat	60
acccggcccg	ggttaatggt	gngcgggtac	atgcttccga	atztatatac	atcttatcgg	120
gtttgcgctt	aaactaccaa	cctgggtata	ttaaaacatg	ggcttattcc	tgaactatcc	180
gtggcgctcn	ttgatcctnt	acttcggcaa	ngtattcacc	ctattttcac	tctgccgata	240

tgacttgtgt atgcatgect ggaacactgn acagacagca cgcctgggtga tcaacnnaac	300
aacctgnatt cacctctatg cg	322

<210> 7823  
 <211> 121  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(121)  
 <223> n = A,T,C or G

<400> 7823	
nacccccacac cttngcncaa ctgaccgccn tgaaaatttt caaaggggtga cccgtgatgg	60
cttaactgac tntcnctaac gggatatgag cctgcttcgc natcccgacg gctgcactgg	120
a	121

<210> 7824  
 <211> 437  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(437)  
 <223> n = A,T,C or G

<400> 7824	
taggtgatag cgtcaaaaaca aacataaaca ggggaacgaa taccggggcac gttggggtaga	60
ggggcggttg aggcgaaaga gggcaacaga agcgtccatc attcagcagc gaacacacca	120
gacggggttcc gtcaccggat caacaggcag taataacgga caatcacctc gcgccaaccg	180
tctctcctaa ttcccttaac cgaaaacaaa tccgaagttc catgaccact ctcccctcaa	240
accagagaag caacgcgcac gcgtaccggt gctgcgtntg ctaggccagc cctccaacat	300
gattccatct atcgccatgt tgaaagggcg gggcgagagc attcagatat aaaacaaaac	360
gaagttttaa aacgaccctc ngctttgtgc cgagttttga gccgcgacan angtaagaan	420
gatttangaa agtacct	437

<210> 7825  
 <211> 326  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(326)  
 <223> n = A,T,C or G

<400> 7825	
ncactggnat cnaaaagggg ccgnttcaga atgaanctcc aacntgcca gcntgggggtt	60
naggaggagt tcanccggtt ggnccgtggg gatctttttg ggnantgacc ccttcgtngg	120
aantgcccgg cnaaccaang aatggtttta naaaaggaaa atgggntggg tagnaagcang	180
gccaanngat tcttggttgg anaaccattg aagtttnatt tggaactttg gccggggccc	240
ttgaaaaaaa aaanggggaa ttttggcncc ttgnattccg ggggtggaagg cttttttttn	300
gggaanaaaaa aantggcttn gcttgc	326

<210> 7826  
 <211> 108  
 <212> DNA  
 <213> Tricoderma reesei



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<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 7826
nggcctaacg actggatata cnaatcngcc caggaagana acgcntctga gganatcatn      60
actctnaatg aatccncgaa ctntatctac tgttnnacat cgcggatt      108

<210> 7827
<211> 430
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 7827
naggggccgg ccacgangcc gnattantga aaggaacgta aatagagcag agaagctgca      60
gtctctcttg gagacgttga cactccaggt tttcttactg cccacaacca ctgcacaatc      120
acctctttcc ttacgcgaga ttgggcacaa gaagcagacg agcgggtacta cgcaatcact      180
gtcgcttcta gactttcaat tgcttcttcc ctctaatac cctcacaac acaaaaattg      240
tgtgccatga aggtcatcct cgccatcaac gccgggtcca gctccgtcaa gatatccgtc      300
tatctggcga caagaggacg gngccgcgcc agattgccga gtctcaagtg agcggactca      360
cagctccgca gctaagctga aatactcgcg gngtggtgag accgttatta aanacaaaat      420
gtggacaatg      430

<210> 7828
<211> 358
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 7828
nggaaaacaa cctaccgga cagcaacaat ggggaagant ggtgcaatgg ngatccgnac      60
ccgatttggt tnttgcccca ttccggaaac acttggggan cttgggttgg tgggaattctt      120
tggtctnngg tcaaacccaa gccggncaag tggtgaacgg gaccaancga naaggagtgg      180
ggcttccaan ttggacttcc actggggcgc ttcccaanat gcccttgnga aaccgnggcc      240
tttaaagctt gngggcttng ggttncaaac ctacttttgg gcngggtttt annaaaaccc      300
aaaccaatn ggttcctgnt aanggggttt gnggacccgg gctttnaaaa caatggat      358

<210> 7829
<211> 384
<212> DNA
<213> Tricoderma reesei

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 7829
ntttaagctg gncgacnact acttcgaaan tnaaggtgaa caccntgaac ccgnaaggga      60

```

```
ntgggaaaac tttccngana aacttcttaa cngcaccttc caaaacaaag aatggngctg 120
gtgggnnagg gtccccggttn cccggctaac gantttcgnt tnaagtttga cggncagaa 180
attnacaaga atatcttatt ggctggcttc cgatgatgcc gggtcacca agangattac 240
gccgctcaan ganggtttta agcgatcctg gaaggatcgc tacagancca ggcaacgntt 300
tgacactcga cacttttcat cttaagcgcc gtcttgccaa atgaacgcat aacgaaacct 360
gnacttnacg acnatntgat gcaa 384
```

```
<210> 7830
<211> 207
<212> DNA
<213> Tricoderma reesei
```

```
<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G
```

```
<400> 7830
nccgatctcg cctgtaaaca ancctctcga nngacatctt tcntgtttta ggggganggg 60
tttatngccc atcctcctat ggatattcaa ggctccggat caaagcctng ataatggtga 120
aaaatacccc atnggcttcg gantgatacg cgcaaccgtt tgtctttttt tnggatccgg 180
cttgggntgt attttngtt atnacgg 207
```

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<210> 7831
<211> 265
<212> DNA
<213> Tricoderma reesei
```

```
<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G
```

```
<400> 7831
ngggnnttttn tocnattcgc atcgncgagg gccatttgn cctgcaaacc accgaccanc 60
cttcggccat nctgganatt cccncgccag ggntcttatt gggcccngt gacattcttg 120
acaccctgct caagcgctng ggaaancaa gacaacatcg atccccgna agtaccgntt 180
tcngaccttt gccacggtca anactgggga caaagcccta tgccgagtt ntcaactgng 240
ggctntgggt ccccnagtgg tgtgt 265
```

```
<210> 7832
<211> 223
<212> DNA
<213> Tricoderma reesei
```

```
<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G
```

```
<400> 7832
nccccataaaa gaaggaatgc gaacagggga agaagtaata gnttttaatt gggccnttgg 60
tttggngccc naacttactt tnttgcccc gntggcngg tgncaaaca nttttgnaan 120
tacacaaacc gcntttcttt ttggttcntt tggaantttg ggncnaaccg caaattcngt 180
nttggggctt tttnggggtt tcnaacctg tcnaantccc aat 223
```

```
<210> 7833
<211> 524
<212> DNA
<213> Tricoderma reesei
```

[illegible]

```
<400> 7836
atccgcgctt gaacccgggc agtctgtctc gacgaccgcg tagtccaacg actgctccgg      60
gtgcagcgag gagcatggca gaggagaacc gggatatcgt gggcgatctg ccgtccacgg      120
```



<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(154)  
<223> n = A,T,C or G

<400> 7840  
ttctctcttc aaccgcaaaa atggatatctt tccgccccat ttctcgtctc atctctctcg 60  
cctcgcgagc tttccctttt tttctgggct ttttcgcgcc angttttcac ttcccgggnc 120  
tttggcngtt ccaaagtggg ngntttcttc ttct 154

<210> 7841  
<211> 370  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(370)  
<223> n = A,T,C or G

<400> 7841  
ngaaccaacc cacttgnttg gccccanaaa ccaaccgggt gncccaaaaa ccaattgggt 60  
ggcnangctt tcgttnggtc agctttttcc ttcnccgggt ccagaaacca tttaccaaan 120  
ccaaccaccc ccccgntggg ccccggtggg gttttnggta cttnggggnt tgggtccctt 180  
tttccgggtn gggaaacnng nactaactca cgggggnttt ccaattgggt ccnncaaac 240  
gccggggttt tgttttnttg gccgggcctn gcaatgttcg ntttnggggg ccttttggcc 300  
tnaagggnac ttttcaattn tgtttttnga aaanccgggg gnaaacnggt atttaaaaaa 360  
ananaaaaaa 370

<210> 7842  
<211> 395  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(395)  
<223> n = A,T,C or G

<400> 7842  
gggctagctc tcttgagtg gcttgtggta tataaacagc ccgacgccc gccctacctg 60  
cgaccatcgt tccttcgagc tctgcattct tcacgatttc ctacatcaat cgcatacccg 120  
ctttcgccac gactgcttt ctatcaggca gacgacgatc tcatcacaca catcaaacac 180  
aacacacaca gctctcatca caatggetga acacctcaac gttcttatct cgaccttcaa 240  
gggtctcggc cttccaccga ccttgggtctt gcgcacagct ccatcgacta cggtgacctc 300  
tctgcgacaa cagattgatg gcaaactgcc ttcccggcgc caccggaatc aaagctcntc 360  
atcacaacaa ctttcaaaat ngagagctgg cncca 395

<210> 7843  
<211> 472  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(472)  
<223> n = A,T,C or G

<400> 7843  
nnagcgccga atcggcacga gggatagcga acctccccgt cctaattaca tcagaggaca 60  
cactctagcc gatttaggga ggcaaaccgg acatctgggt ttcattccaga cctcgcatga 120  
tctccgactt ctaagtttcc gggtttttga ccagagcaga gaggctgagc acggnaaacg 180  
gtccgctggt ggaagctgga ccccttttagc tctacattct cctccccgta tcatttatca 240  
ctggaatttc tcggcttcta atcagatcat tcgctttctg tctgattcaa ttcttgttgc 300  
tttcttcccg cttncaatct gaaattngca agctttgagc tgggcggaat tggctggcat 360  
cgacctttac gactcgagtn cagtgaacnac ttttcgacag cgcattcgaa tggggccgtc 420  
taaggagcca tgtctttnaa gttgatgggt tggtcgcggc cctttgcctg gc 472

<210> 7844  
<211> 621  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(621)  
<223> n = A,T,C or G

<400> 7844  
ngcagacatt ctccgacttg ttggcgattc ggctgtttc tgacctgcaa tagcctcctt 60  
ctggaatttg cataccgcgg ctgctgcgac agcgtctcat ctcatatacg agccctactt 120  
tctcccgtcc tggcctctgc tcagcttact ctcttaattc cctgcgcttc tcattactac 180  
tgggcaagac aagagggggc gccgccagcc tctggaattg gtctgcctgc agttggcttt 240  
ttcaccccc aaagctcaac agctaccctt acctactgct taatttcngg cccatggggc 300  
ttctcgtccc gtgctaanc accccccgga ggagcagaaa ncctcgacng gttggcaagc 360  
aaatcgatct tccgtcgacg aaaggcaaga tcgacaacga tgacgatacc caagtgatgg 420  
agcccggatc aaggcaatgg taactgcgca acaccagaat ggcgggggaa ggggaagatg 480  
accttggcat gacgatgtat tcgggtgctg ggctcggctt atgatgctgc tgcctttgcc 540  
tcgccgacat cgcccggcgg agtatcaaan aagaaaaagc nggaggatga nggatntggt 600  
ggnaatggga caaaggaaa a 621

<210> 7845  
<211> 223  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(223)  
<223> n = A,T,C or G

<400> 7845  
ncgaagtaac gatcacangg ctggtoctta atactacatg acnttcaaac aacacgaccg 60  
aaaacgctnc ctctctcctt ctgttttttc ccgggagcgg acctctcgtn cgaataccct 120  
tattcctctt ttacgacaaa gnactcttng caaaacatct ttgtacctt ttgggggttc 180  
tcggttttta tgggctaacy gaatggttgt tgcnggccat tat 223

<210> 7846  
<211> 465  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(465)  
<223> n = A,T,C or G

<400> 7846  
cattttctttt tccttatttg tctaacattc ctctatacct ctcttgcatg gcggttatctg 60  
cttatcatcc gttccttggc tcaattgtcc gacctccttt gtcttcttca ctttgcaatt 120  
tcaaatttct agccgggtgt gtttcctcac atatgtcccc tctctctaaa gacgtgttgg 180  
tatatataat ccacttccct ggcatgttg cctgacctct tctttttatc tccccagaat 240  
tttatagcca tctggttcgg caaccactta ttgcacatctg ttgggcgaag ctctaggagc 300  
ttcccctctg gacttctcat ccgccagang gcgctnaacc gtcttttact ctcatgatgg 360  
cttgcccgtt acggggacagc gtgttatatt tccccttctn ccacgaagtg gcgtantngg 420  
ggacttggtta caggatagct gggaatgggt nagctaggan aattt 465

<210> 7847  
<211> 404  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(404)  
<223> n = A,T,C or G

<400> 7847  
ngttnttaaat taaaggggtgg ttngcgtaca ncaggattgg ttggccaagg cccggaaagn 60  
accgacttcc agnacccttg anctttaate gancccttt tcnagcgang gcaacttgn 120  
aagccgtgac ggtccctntt gttgaancaa ctgggcaccc aacgtgatcc gaacctaagc 180  
ccatngaacc ncaaaggcgn acacttccgg ctgnatgaag ctggttaacg aatgccgna 240  
tntaagtttt ttccgnact tgggncgaag ccntttttgn tcaataaacc cngacaccc 300  
ctggctggaa caaccggagt tnnttcaacc ggtttcaagg ggcgtcnngt caacaaaatg 360  
tcccantacc caaangtatt nggttatatt gccgggtaac gagg 404

<210> 7848  
<211> 135  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(135)  
<223> n = A,T,C or G

<400> 7848  
ngatccnecn actgccccaa gtgccgnta ngatgctggc ncgggcatca atngacagtg 60  
acgatcttct cgagcaangg cggancccg gaccggatcc tttatncacc gccnttctta 120  
nctcttacgg ggttg 135

<210> 7849  
<211> 247  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(247)  
<223> n = A,T,C or G

<400> 7849  
ngcgcaccaa gacggtttac tccatggtct ttgacnaacc tcgcttttac ccacattcgc 60  
ctttctttga ctactacttt tccgaccaat nctgccngtc accaagatcc cgagaaatac 120  
cgtcngacta agtnttcaact ggcnaangac attgggcctt aactttgtca tgtccaatgt 180  
tgaccggatc aagccccctt gcttggtccn agnggagcag ncagtatatc aaacctggac 240  
ctttagg 247

<210> 7850  
 <211> 124  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(124)  
 <223> n = A,T,C or G

<400> 7850	
gtacagcgca ccatgccccg cctccacact cgatncttac aaccttntat atcaagccat	60
tgcacatctc cancagtagc cataccatg actatccttc tttgagcgct cttgccctcn	120
tcga	124

<210> 7851  
 <211> 736  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 7851	
atacgcaggc catactgcgg gttgggtgagg ggcagggcgga gatggattac ctcgtaatga	60
ctttcatgac caagatggag ttgcgggtcgc tcgtgtttac tatcagcggc ctgggtcaact	120
ttcacaagcc ttcttcacag ggtcgcaggc caactgaatt ctggaaggaa ggcttaaaga	180
ttctcgaaac atgggacgcc tcaacggccg gcataccata cggcgcccct gttcccctaa	240
atgtggcaat caaacagcgg gcctggcgaa tagaggcaca ggcttacttg actgtcctcc	300
tgggggttcgt agctgcagtc actgccaatg gtcaacggtc aagcagttgc ttcagaatct	360
cgagaacctg gtctcgccct gacgcagccg actgtgagat tgctcttcac ctatctaaag	420
ggcgtctacc accagggcat cggcagcctg caagcccgc tgcacatctt cctcgacgac	480
cgttcaaggc ccaacagcag ggcaacacng gaattaaagc cggcaacaaa gaagggtgcct	540
tcttgcggcc tgaaccgggt ntggatcatg cacaccgcgc gtgtcgaaac gccaaagaaac	600
gccggacctt attgaacaag ttcagccgac ttggggccaac caaagaacat ttgatnttcg	660
gacggctacc acaacggttat ngngngggcct ngngacggaa ccgccaana gnttaaccag	720
naaaagcagg acattc	736

<210> 7852  
 <211> 349  
 <212> DNA  
 <213> Tricoderma reesei

<220>  
 <221> misc\_feature  
 <222> (1)...(349)  
 <223> n = A,T,C or G

<400> 7852	
naagcccgat cngcacgagg ggatggcttc agtcgtatta tcactagggn attgtttccc	60
aagccggctt caaaacacac agataaacca ccaactctac aaccaagac tttttgatca	120
atccaacaac ttctctcaac atgtctgctg caaccngtca cccgcactgc aaccgccgct	180
gttcgcagac cccggcttct tcatgcaagt tccggacgga tgggactcct cattcggagc	240
caccaagccc tttgagccng actcttccgt ccacctatga aagcctngca cggacccna	300
cctattgcta agctatgctn gtntaggacc ggcttgcca agtttaggc	349

<210> 7853



<211> 187  
 <212> DNA  
 <213> Tricoderma reesei  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(187)  
 <223> n = A,T,C or G  
  
 <400> 7853  
 naggcctattc ttcanctcgn ggacatgngc nggcatgtat gtggcaagtt ggcgcgttnt 60  
 cttcaacctt tgttgncac aactgaatgc tctagtctct gntcactang ctaatagatt 120  
 aactcanccc aantggtcac ataaanaaaa tgtttactct gncgaggagn gtactcatgg 180  
 aaagatc 187  
  
 <210> 7854  
 <211> 145  
 <212> DNA  
 <213> Tricoderma reesei  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(145)  
 <223> n = A,T,C or G  
  
 <400> 7854  
 nangaccctt cttacgccgg ttaataaccg gcaaaagcaa gaaaccttac ttccggctnt 60  
 ttctcaaaa aagttcgcca nccgacttgg taaaggacnt taacagccac caaataaaga 120  
 anattggcag caccgcttac ccgcg 145  
  
 <210> 7855  
 <211> 283  
 <212> DNA  
 <213> Tricoderma reesei  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G  
  
 <400> 7855  
 ntctancgct ctttcgaagc gccctngcta cacgaagctc gacaaatggc acaccgtcat 60  
 catcgaacag gaggagacnt accattncaa catcaangcc cagagcagag aggttaancc 120  
 ncctggagaa angaangctt gaantgcat aaacagaccc gcangggacc gtggcccgt 180  
 ttcgagccca tcttcgtnga cttgacttan caagctcgac gggccttggn caagnccttn 240  
 cttgctgacc nttgcaacng acgcttggtg acnggaaaag tca 283  
  
 <210> 7856  
 <211> 328  
 <212> DNA  
 <213> Tricoderma reesei  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(328)  
 <223> n = A,T,C or G  
  
 <400> 7856  
 ctacccaaag aagcagacac tcgagctttc gacgagcgtc tgttctggat tgatcaccag 60  
 cttgcagctg ttatcctcga gccctcgtga gtcgaacagg gacaacatcg acttgctggt 120

gcttgccgct	gtcctgagcc	tcgcgcgcga	ccgcatcacg	acagcttcgc	ccggtgtctt	180
tctgttttgt	tgggggaaaa	aactcgtgtc	caccgcaacg	tagcacctgc	ccgtgatacc	240
gtgggcaagc	tctgcgacag	gacctacccc	gcactcggnc	gccttcttta	agcgcatact	300
tcggttttgc	cctccaaacc	gtctctct				328

<210> 7857

<211> 733

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 7857

atgaacgcga	aaaaggctgc	tctacctggc	tagtaggtat	tattctcacc	ggctgtggca	60
gccacttgca	tgcagtcaag	gcctatgtgc	ttcgttcata	tgcctgtatg	ttgagggtgca	120
ttgcattgga	ttcatgtagg	gggtcgcttt	tcagtagtat	taatggatca	ggtaacgtac	180
ctacaagtat	aaacgagcag	tttcagctgg	cagtggctgc	gggctatcag	gcaggtaggc	240
atctaaggta	gtagtggaag	agaaacctga	ctgtttgctt	cgggcatgtc	tatcagtcaa	300
ggcactattg	cctacctacc	tactacccaa	tacctacct	agtacctccc	ctgccttcag	360
gttgatgctc	cctcagtacc	tgtgccttat	aaatatcacg	ccagggtcgg	gccttgtcct	420
tgcccgaaac	gacatctctt	gacctcgaca	accttccttc	tgcctgtcag	accatggcca	480
acgaccaaga	tgcctcttct	tctcgcggag	aggaattgct	ttctctggcc	gaacaacctc	540
ctttctttgc	ggaagtcagc	cttgccgcta	ggcagccatg	acgtgggaga	tcatgtgctt	600
ggcttcacgc	acactttccg	cgatcctntt	nagggcgcga	atatntttac	ttttaanggt	660
gacctcagcg	antccttaag	ttcatcatca	atccgaattt	nattntccct	tttacggggg	720
gaggatnaca	atg					733

<210> 7858

<211> 156

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 7858

ncacagcctt	gcaaaatngt	gggaatnggc	caagaacact	caaactattc	tttaccctcc	60
catgnatgtn	taacnataac	cngatntaaa	aaaaaaanga	ggcgtaccca	aacnncatca	120
acnaagacgt	tntttctacg	cccagccttc	tggtctt			156

<210> 7859

<211> 240

<212> DNA

<213> Tricoderma reesei

<220>

<221> misc\_feature

<222> (1)...(240)

<223> n = A,T,C or G

<400> 7859

nctgncgatt	cgnacgangc	actggatanc	cagtaatttc	acancagtct	atttgagcat	60
attcatcact	tatncaacac	acttcagacc	catcacnatg	tnttttcgat	caaacaactc	120
cgttgtcatc	atcggtctctg	gccaggcat	tggttcgtac	acagccgcca	tcttcacttn	180
caaccaatth	aacaaggncg	cacctngtgg	ctanaaagct	ctgnccatct	ggagaaagat	240

<210> 7860  
<211> 217  
<212> DNA  
<213> Tricoderma reesei

<220>  
<221> misc\_feature  
<222> (1)...(217)  
<223> n = A,T,C or G

<400> 7860  
cgtccatcct tggaaatggc caagaggagt ctatcctgcc cgcagatttc atcatgcctc 60  
acgagaacaa ctacttgtcg tctcccccg gggttaattat cgagttgcag tcgctggagc 120  
tgggcacgcc gatagcagag tgcgtncacc cgacgcctct ggcagaaatc gtcgtgactc 180  
ccatccatga gaaccatcgg gctccggatc tgccttc 217